



# **832 Price/Sales Catalog - Canada**

VICS EDI

**Version: 006040VICS**

<b>Author:</b>	<b>GS1 US and GS1 Canada</b>
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# 832 Price/Sales Catalog - Canada

## Functional Group=SC

**Purpose:** This X12 Transaction Set contains the format and establishes the data contents of the Price/Sales Catalog Transaction Set (832) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to furnishing or requesting the price of goods or services in the form of a catalog.

### Note 1:

*This Functional Profile is for use within Canada.*

### Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
0100	ST	Transaction Set Header	M	1			Must use	7
0200	BCT	Beginning Segment for Price/Sales Catalog	M	1			Must use	8
* 0400	CTP	Pricing Information	O	100				N/A
* 0500	REF	Reference Information	O	>1				N/A
* 0550	YNQ	Yes/No Question	O	10				N/A
* 0600	PER	Administrative Communications Contact	O	>1				N/A
0700	DTM	Date/Time Reference	O	10			Used	11
* 0800	CTB	Restrictions/Conditions	O	25				N/A
0900	CUR	Currency	O	5			Used	12
* 1100	ITD	Terms of Sale/Deferred Terms of Sale	O	>1				N/A
* 1200	LDT	Lead Time	O	>1				N/A
* 1300	SAC	Service, Promotion, Allowance, or Charge Information	O	>1				N/A
* 1330	TD1	Carrier Details (Quantity and Weight)	O	>1				N/A
* 1340	TD5	Carrier Details (Routing Sequence/Transit Time)	O	>1				N/A
* 1350	TD3	Carrier Details (Equipment)	O	>1				N/A
* 1360	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	>1				N/A
* 1400	FOB	F.O.B. Related Instructions	O	1				N/A
* 1420	PKG	Marking, Packaging, Loading	O	>1				N/A
* 1460	TXI	Tax Information	O	>1				N/A
* 1470	AAA	Request Validation	O	1				N/A
* 1480	MTX	Text	O	>1				N/A
* 1490	PWK	Paperwork	O	25				N/A
<b>LOOP ID - N1</b>						<b>≥1</b>		13
1500	N1	Party Identification	O	1			Used	14
1600	N2	Additional Name	O	2			Used	16

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
		Information						
1700	N3	Party Location	O	2			Used	17
1800	N4	Geographic Location	O	>1			Used	18
* 1900	REF	Reference Information	O	12				N/A
* 1950	PKG	Marking, Packaging, Loading	O	>1				N/A
2000	PER	Administrative Communications Contact	O	>1			Used	20
* 2010	DTM	Date/Time Reference	O	10				N/A
* 2020	MTX	Text	O	>1				N/A
* 2030	SPI	Specification Identifier	O	1				N/A
<b>* LOOP ID - LM</b>					<b>≥1</b>			N/A
* 2100	LM	Code Source Information	O	1				N/A
* 2200	LQ	Industry Code Identification	M	>1				N/A
<b>* LOOP ID - N9</b>					<b>≥1</b>			N/A
* 2300	N9	Extended Reference Information	O	1				N/A
* 2400	DTM	Date/Time Reference	O	>1				N/A
* 2500	MTX	Text	O	>1				N/A
* 2600	PWK	Paperwork	O	>1				N/A
* 2700	EFI	Electronic Format Identification	O	>1				N/A
<b>* LOOP ID - G93</b>					<b>≥1</b>			N/A
* 2800	G93	Price Bracket Identification	O	1				N/A
* 2900	SAC	Service, Promotion, Allowance, or Charge Information	O	1				N/A
* 3000	N1	Party Identification	O	1				N/A
* 3100	G26	Pricing Conditions	O	1				N/A

**Detail:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
<b>LOOP ID - LIN</b>					<b>≥1</b>			22
0100	LIN	Item Identification	O	1			Used	23
* 0120	PO1	Baseline Item Data	O	1				N/A
0150	G53	Maintenance Type	O	1		N2/0150	Used	27
* 0250	SI	Service Characteristic Identification	O	>1				N/A
0300	DTM	Date/Time Reference	O	10			Used	28
0400	REF	Reference Information	O	>1			Used	30
0450	YNQ	Yes/No Question	O	10			Used	32
0500	PER	Administrative Communications Contact	O	>1			Used	33
* 0550	CRD	Content Reporting Detail	O	>1				N/A

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
0600	CTB	Restrictions/Conditions	O	25			Used	34
0700	PID	Product/Item Description	O	200			Used	35
0800	MEA	Measurements	O	200			Used	52
0900	PKG	Marking, Packaging, Loading	O	25			Used	62
* 1000	PO4	Item Physical Details	O	1				N/A
* 1070	TD1	Carrier Details (Quantity and Weight)	O	>1				N/A
* 1080	TD5	Carrier Details (Routing Sequence/Transit Time)	O	>1				N/A
* 1090	TD3	Carrier Details (Equipment)	O	>1				N/A
1100	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	>1			Used	67
* 1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1				N/A
1400	LDT	Lead Time	O	1			Used	69
* 1500	SAC	Service, Promotion, Allowance, or Charge Information	O	>1				N/A
* 1600	FOB	F.O.B. Related Instructions	O	1				N/A
* 1640	AAA	Request Validation	O	1				N/A
1650	TC2	Commodity	O	2			Used	70
* 1660	TXI	Tax Information	O	>1				N/A
1670	MTX	Text	O	>1			Used	71
1680	G55	Item Characteristics - Consumer Unit	O	1			Used	72
* 1690	G54	Module Description	O	1				N/A
<b>LOOP ID - TRT</b>					<b>≥1</b>			84
1695	TRT	Trade Item Type	O	1			Used	85
1697	TRD	Trade Item Ingredient Details	O	>1			Used	89
<b>LOOP ID - CTP</b>					<b>≥1</b>			93
1700	CTP	Pricing Information	O	1			Used	94
1800	DTM	Date/Time Reference	O	10			Used	97
1820	G36	Price List Reference	O	1			Used	98
* 1900	LDT	Lead Time	O	1				N/A
2000	CUR	Currency	O	5			Used	99
* 2100	PO4	Item Physical Details	O	1				N/A
* 2200	CTB	Restrictions/Conditions	O	5				N/A
2250	REF	Reference Information	O	>1			Used	100
2270	G43	Promotion/Price List Area	O	9999			Used	101
2280	SAC	Service, Promotion, Allowance, or Charge Information	O	>1			Used	103
2290	G26	Pricing Conditions	O	99			Used	109
* 2294	TXI	Tax Information	O	>1				N/A

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
* 2297	ITD	Terms of Sale/Deferred Terms of Sale	O	>1				N/A
<b>* LOOP ID - G40</b>					<b>≥1</b>			N/A
* 2300	G40	Bracket Price	O	1				N/A
* 2310	SAC	Service, Promotion, Allowance, or Charge Information	O	1				N/A
* 2320	G93	Price Bracket Identification	O	>1				N/A
<b>* LOOP ID - LS</b>					<b>1</b>			N/A
* 2330	LS	Loop Header	O	1				N/A
<b>* LOOP ID - LM</b>					<b>≥1</b>			N/A
* 2340	LM	Code Source Information	O	1				N/A
* 2350	LQ	Industry Code Identification	M	>1				N/A
* 2360	LE	Loop Trailer	M	1				N/A
<b>* LOOP ID - LS</b>					<b>1</b>			N/A
* 2370	LS	Loop Header	O	1				N/A
<b>* LOOP ID - N1</b>					<b>≥1</b>			N/A
* 2380	N1	Party Identification	O	1				N/A
* 2390	N2	Additional Name Information	O	2				N/A
* 2400	N3	Party Location	O	2				N/A
* 2410	N4	Geographic Location	O	2				N/A
* 2420	LE	Loop Trailer	M	1				N/A
<b>LOOP ID - N1</b>					<b>≥1</b>			111
2430	N1	Party Identification	O	1			Used	112
* 2440	N2	Additional Name Information	O	2				N/A
2500	N3	Party Location	O	2			Used	114
2600	N4	Geographic Location	O	1			Used	115
* 2700	REF	Reference Information	O	12				N/A
* 2790	PER	Administrative Communications Contact	O	>1				N/A
* 2800	DTM	Date/Time Reference	O	10				N/A
* 2810	MTX	Text	O	>1				N/A
* 2820	PKG	Marking, Packaging, Loading	O	>1				N/A
* 2821	PAL	Pallet Type and Load Characteristics	O	>1				N/A
* 2825	SPI	Specification Identifier	O	1				N/A
<b>LOOP ID - G39</b>					<b>≥1</b>			116
2830	G39	Item Characteristics - Vendor's Selling Unit	O	1			Used	117
* 2840	CTP	Pricing Information	O	1				N/A
<b>LOOP ID - PKL</b>					<b>20</b>			127

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage	Page
2850	PKL	Multi-Pack Configuration	O	1			Used	128
* 2900	CTP	Pricing Information	O	1				N/A
* 2950	PKG	Marking, Packaging, Loading	O	2				N/A
* 2960	G53	Maintenance Type	O	1				N/A
* 2970	DTM	Date/Time Reference	O	>1				N/A
<b>* LOOP ID - LFG</b>					<b>1</b>			N/A
* 3000	LFG	Hazardous Information, Finished Goods	O	1				N/A
<b>* LOOP ID - CRC</b>					<b>≥1</b>			N/A
* 3100	CRC	Conditions Indicator	O	1				N/A
* 3200	QTY	Quantity Information	O	1				N/A
<b>* LOOP ID - LM</b>					<b>≥1</b>			N/A
* 3300	LM	Code Source Information	O	1				N/A
<b>* LOOP ID - LQ</b>					<b>≥1</b>			N/A
* 3400	LQ	Industry Code Identification	M	1				N/A
* 3410	REF	Reference Information	O	>1				N/A
* 3420	EFI	Electronic Format Identification	O	1				N/A
* 3430	DTM	Date/Time Reference	O	>1				N/A
<b>* LOOP ID - PID</b>					<b>≥1</b>			N/A
* 3440	PID	Product/Item Description	O	1				N/A
* 3450	MEA	Measurements	O	>1				N/A
* 3460	MTX	Text	O	1				N/A
<b>LOOP ID - SLN</b>					<b>≥1</b>			139
3500	SLN	Subline Item Detail	O	1			Used	140
* 3600	SI	Service Characteristic Identification	O	>1				N/A
* 3700	PID	Product/Item Description	O	>1				N/A
* 3800	DTM	Date/Time Reference	O	>1				N/A
* 3900	CTP	Pricing Information	O	>1				N/A
* 4000	PAM	Period Amount	O	>1				N/A
* 4100	PO4	Item Physical Details	O	>1				N/A
* 4200	PKG	Marking, Packaging, Loading	O	>1				N/A
* 4300	QTY	Quantity Information	O	>1				N/A
* 4400	MEA	Measurements	O	>1				N/A
* 4500	SAC	Service, Promotion, Allowance, or Charge Information	O	>1				N/A
* 4600	MTX	Text	O	>1				N/A
<b>* LOOP ID - LM</b>					<b>≥1</b>			N/A
* 4700	LM	Code Source Information	O	1				N/A
* 4800	LQ	Industry Code Identification	M	>1				N/A
<b>* LOOP ID - N1</b>					<b>≥1</b>			N/A



<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
* 4810	N1	Party Identification	O	1				N/A
* 4820	N2	Additional Name Information	O	2				N/A
* 4830	N3	Party Location	O	2				N/A
* 4840	N4	Geographic Location	O	>1				N/A
* 4850	REF	Reference Information	O	12				N/A
* 4860	PER	Administrative Communications Contact	O	>1				N/A
* 4870	DTM	Date/Time Reference	O	10				N/A
<b>* LOOP ID - N9</b>					<b>&gt;1</b>			N/A
* 4900	N9	Extended Reference Information	O	1				N/A
* 5000	DTM	Date/Time Reference	O	>1				N/A
* 5100	MTX	Text	O	>1				N/A
* 5200	PWK	Paperwork	O	>1				N/A
* 5300	EFI	Electronic Format Identification	O	>1				N/A

**Summary:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
0100	CTT	Transaction Totals	O	1		N3/0100	Used	159
0200	SE	Transaction Set Trailer	M	1			Must use	160

**Notes:**

- 2/0150 If BCT10 is used and G5301 is used, then the G5301 takes precedence.
- 3/0100 Number of line items (CTT01) is the accumulation of the number of LIN segments. Hash total (CTT02) is not used in this transaction.

# ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use

**Purpose:** To indicate the start of a transaction set and to assign a control number

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use

**Description:** Code identifying a Transaction Set

**CodeList Summary** (Total Codes: 321, Included: 1)

**Code Name**

832 Price/Sales Catalog

ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
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**Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

**Note 1:** *The number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.*

## Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

# BCT Beginning Segment for Price/Sales Catalog

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

**User Option (Usage):** Must use

**Purpose:** To indicate the beginning of the Price/Sales Catalog Transaction Set and specify catalog purpose and number information

## Note 1:

BCT10 is used only to clarify, to the receiver, the sender's purpose of the transaction set. Code 13 is used to request catalog information from the owner of the catalog or the authorized agent, e.g., a third party catalog service. Code 11 is used only when the transaction set is a reply to a specific request transaction. If the sender has a standing request from the receiver for specific data when a specific event takes place, e.g., women's tops, new products, every two weeks, this is NOT considered a response. The recipient will only receive a response (BCT10 contains code 11) if the recipient had previously sent a request (BCT10 contains code 13). Codes 02, 03, 04, and 05 are to be used to update catalog information kept by the user of the catalog data, e.g., a retailer or the vendor's agent.

If BCT10 contains code 00, a mix of adds, changes and deletes is assumed. The G53 segment, in the detail area, specifies the action to be taken.

Data may be requested or access may be granted to the entire catalog or a portion of it without regard to any specific SKU(s). When requesting or granting catalog access for the entire catalog, BCT03 is not used. BCT10 will contain code 13 for requests or code 02 or 03 for access control and the detail area (LIN loop) is not used. The same procedure is used to request data or grant access to a portion of the catalog by adding BCT03 with the appropriate selection code for the portion of the catalog needed.

Caution must be exercised when deleting a GTIN from the catalog. Due to ordering and shipping cycle times, a GTIN should reside on the catalog as discontinued at least one year after the last of the product has been shipped. Deleting the GTIN from the catalog does not alter the minimum retention period (30 months for apparel and 48 months for all other items) as defined in the Trade Item Identification and Communication Guidelines.

## Note 2:

<u>Initiator of Transaction</u>	<u>BCT02</u>	<u>BCT06</u>	<u>BCT10</u>
Vendor (Owner of Catalog)			
Catalog Updates	Vendor ID	Not Used	00, 02, 03, 04, 05, 18
Access Control	Vendor ID	Retailer ID	02, 03
Vendor or Third Party			
One-time Request	Vendor ID	Not Used	11
Standing Request Response	Vendor ID	Not Used	Not Used
Profile List Response	Vendor ID	Retailer ID	11
Retailer (Owner of Profile)			
Profile Updates	Vendor ID	Retailer ID	02, 03

Profile List Requests	Vendor ID	Retailer ID	13
One-time Catalog Requests	Vendor ID	Not Used	13

**Note 3:**

Inbound:

G53 action codes are only valid and processed when BCT10=00. When BCT10 does not equal 00, the vendor should not transmit G53 segments; if he does so, they will be ignored and only the BCT10 action code will be processed.

**Note 4:**

Outbound: Will generate the BCT10 code transmitted inbound by the vendor for auto-updates. If 00 in BCT10 is generated, it will also generate the G5301 code sent inbound by the vendor.

Outbound: Will generate BCT10=11 for responses to online or EDI requests. G53 segments are not applicable to 832 responses to retailers.

**Note 5:**

When BCT01=PS (Price Sheet) only the LIN segment and CTP loop segments should be transmitted inbound to the catalogue. Outbound the catalogue will currently send all catalogue data for the GTIN. See the CTP segment for further information on handling of prices.

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BCT01	683	<b>Catalog Purpose Code</b>	M	ID	2/2	Must use

**Description:** Code indicating purpose of catalog

**CodeList Summary** (Total Codes: 5, Included: 2)

**Code Name**

PS Price Sheet

**Note 1:**

*Retail Price Communication*

RC Resale Catalog

**Note 1:**

*Catalog Data, Traditional Vendor's Catalog, and Item Maintenance*

BCT02	684	<b>Catalog Number</b>	O	AN	1/15	Used
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**Description:** Identifying number for catalog or superseded catalog

**Note 1:** *VENDOR ID as defined by Trade Item Identification and Communication Guidelines.*

*Owner of the catalog, generally the vendor  
ITEM MAINTENANCE: Reference number*

BCT03	685	<b>Catalog Version Number</b>	O	AN	1/15	Used
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**Description:** Identifying version number of catalog or superseded catalog

**Note 1:** *SELECTION CODE as defined by Trade Item Identification and Communication Guidelines.*

*Absence of BCT03 indicates entire catalog.*

BCT09	352	<b>Description</b>	O	AN	1/80	Used
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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>Description:</b> A free-form description to clarify the related data elements and their content <b>Note 1:</b> <i>SELECTION CODE DESCRIPTION as defined by Trade Item Identification and Communication Guidelines.</i>				

BCT10	353	<b>Transaction Set Purpose Code</b>	O	ID	2/2	Used
-------	-----	-------------------------------------	---	----	-----	------

**Description:** Code identifying purpose of transaction set  
**Note 1:** *ACTION CODE as defined by Trade Item Identification and Communication Guidelines.*

**CodeList Summary** (Total Codes: 67, Included: 9)

**Code Name**

- 00 Original  
**Note 1:**  
*This code is used in conjunction with the G53 segment in the detail area.*
- 01 Cancellation  
**Note 1:**  
*Restricted use. See Trade Item Identification and Communication Guidelines.*
- 02 Add
- 03 Delete
- 04 Change
- 05 Replace
- 11 Response
- 13 Request
- 18 Reissue  
**Note 1:**  
*Restricted use. See Trade Item Identification and Communication Guidelines.*

# DTM Date/Time Reference

Pos: 0700	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify pertinent dates and times

**Note 1:**

*The publication and expiration dates identify the exact period to which the data apply. One segment for each date. This segment will be used to specify the dates for all SKUs identified in the transaction. If a particular SKU has a different date, the DTM segment in the detail area will be used to override the date for that SKU only.*

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use

**Description:** Code specifying type of date or time, or both date and time

**CodeList Summary** (Total Codes: 1312, Included: 1)

**Code Name**

043 Publication

**Note 1:**

*DATE OF CHANGE as defined by the Trade Item Identification and Communication Guidelines.*

DTM02	373	Date	X	DT	8/8	Must use
-------	-----	------	---	----	-----	----------

**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

**Syntax Rules:**

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

# CUR Currency

<b>Pos: 0900</b>	<b>Max: 5</b>
<b>Heading - Optional</b>	
<b>Loop: N/A</b>	<b>Elements: 3</b>

**User Option (Usage):** Used

**Purpose:** To specify the currency (dollars, pounds, francs, etc.) used in a transaction

**Note 1:**

*All prices are assumed to be in U.S. Dollars, unless otherwise specified in this segment. The use of this segment, in the header area, denotes all prices given in the transaction set will be in the specified currency. In addition, the exchange rate for the currency specified to U.S. Dollars may be provided.*

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CUR01	98	<b>Entity Identifier Code</b>	M	ID	2/3	Must use

**Description:** Code identifying an organizational entity, a physical location, property or an individual

**CodeList Summary** (Total Codes: 1529, Included: 1)

<u>Code</u>	<u>Name</u>
SE	Selling Party

CUR02	100	<b>Currency Code</b>	M	ID	3/3	Must use
-------	-----	----------------------	---	----	-----	----------

**Description:** Code specifying the Standard ISO code for country in whose currency the charges are specified

**Note 1:** See External Code Source 5 in Section III for reference document.

CUR03	280	<b>Exchange Rate</b>	O	R	4/10	Used
-------	-----	----------------------	---	---	------	------

**Description:** Value to be used as a multiplier conversion factor to convert monetary value from one currency to another

**Syntax Rules:**

1. C0807 - If CUR08 is present, then CUR07 is required.
2. C0907 - If CUR09 is present, then CUR07 is required.
3. L101112 - If CUR10 is present, then at least one of CUR11 or CUR12 is required.
4. C1110 - If CUR11 is present, then CUR10 is required.
5. C1210 - If CUR12 is present, then CUR10 is required.
6. L131415 - If CUR13 is present, then at least one of CUR14 or CUR15 is required.
7. C1413 - If CUR14 is present, then CUR13 is required.
8. C1513 - If CUR15 is present, then CUR13 is required.
9. L161718 - If CUR16 is present, then at least one of CUR17 or CUR18 is required.
10. C1716 - If CUR17 is present, then CUR16 is required.
11. C1816 - If CUR18 is present, then CUR16 is required.
12. L192021 - If CUR19 is present, then at least one of CUR20 or CUR21 is required.
13. C2019 - If CUR20 is present, then CUR19 is required.
14. C2119 - If CUR21 is present, then CUR19 is required.

**Comments:**

1. See Figures Appendix for examples detailing the use of the CUR segment.

# Loop Party Identification

Pos: 1500	Repeat: >1
Optional	
Loop: N1	Elements: N/A

**User Option (Usage):** Used

**Purpose:** To identify a party by type of organization, name, and code

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
1500	N1	Party Identification	O	1		Used
1600	N2	Additional Name Information	O	2		Used
1700	N3	Party Location	O	2		Used
1800	N4	Geographic Location	O	>1		Used
2000	PER	Administrative Communications Contact	O	>1		Used



# N1 Party Identification

Pos: 1500	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

**User Option (Usage):** Used

**Purpose:** To identify a party by type of organization, name, and code

**Note 1:**

*This segment may be used to identify the vendor's country of origin for the items and the shipping point(s) for the items.*

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	<b>Entity Identifier Code</b>	M	ID	2/3	Must use

**Description:** Code identifying an organizational entity, a physical location, property or an individual

**CodeList Summary** (Total Codes: 1529, Included: 1)

Code Name

VN Vendor

N102	93	<b>Name</b>	X	AN	1/60	Used
------	----	-------------	---	----	------	------

**Description:** Free-form name

N103	66	<b>Identification Code Qualifier</b>	X	ID	1/2	Used
------	----	--------------------------------------	---	----	-----	------

**Description:** Code specifying the system/method of code structure used for Identification Code (67)

**CodeList Summary** (Total Codes: 255, Included: 4)

Code Name

91 Assigned by Seller or Seller's Agent

92 Assigned by Buyer or Buyer's Agent

UL Global Location Number (GLN)

**Description:** A globally unique 13 digit code used for the identification of any physical or legal location that needs to be uniquely identified for use in the supply chain. A GS1 identification key

**Note 1:**

*This is the 13-digit Global Location Number (GLN).*

*See External Code Source 583 in Section III for reference document.*

UM GS1 Global Location Number with Extension Component

**Description:** A globally unique 13-digit code with a one to twenty character extension component used, for the identification of a legal or physical location

N104	67	<b>Identification Code</b>	X	AN	2/80	Used
------	----	----------------------------	---	----	------	------

**Description:** Code identifying a party or other code

**Note 1:** *This is the location code as defined by N103. The location code may be a formal number, e.g., DUNS, or it may be assigned by either the buyer or seller. The location refers to a store, warehouse, distribution center, plant, etc. Location codes are used to alleviate the need to send complete names and addresses.*

### **Syntax Rules:**

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

### **Comments:**

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

# N2 Additional Name Information

Pos: 1600	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify additional names

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N201	93	<b>Name</b>	M	AN	1/60	Must use
		<b>Description:</b> Free-form name				
N202	93	<b>Name</b>	O	AN	1/60	Used
		<b>Description:</b> Free-form name				

# N3 Party Location

Pos: 1700	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify the location of the named party

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	<b>Address Information</b>	M	AN	1/55	Must use
		<b>Description:</b> Address information				
N302	166	<b>Address Information</b>	O	AN	1/55	Used
		<b>Description:</b> Address information				

# N4 Geographic Location

Pos: 1800	Max: >1
Heading - Optional	
Loop: N1	Elements: 6

**User Option (Usage):** Used

**Purpose:** To specify the geographic place of the named party

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	<b>City Name</b>	O	AN	2/30	Used
		<b>Description:</b> Free-form text for city name				
N402	156	<b>State or Province Code</b>	X	ID	2/2	Used
		<b>Description:</b> Code specifying the Standard State/Province as defined by appropriate government agency				
		<b>Note 1:</b> See External Code Source 22 in Section III for reference document.				
N403	116	<b>Postal Code</b>	X	ID	3/15	Used
		<b>Description:</b> Code specifying international postal zone code excluding punctuation and blanks (zip code for United States)				
		<b>Note 1:</b> See External Code Source 51 in Section III for reference document.				
N404	26	<b>Country Code</b>	X	ID	2/3	Used
		<b>Description:</b> Code identifying the country				
		<b>Note 1:</b> See External Code Source 5 in Section III for reference document.				
		<b>Note 2:</b> AR - Argentina				
		AU - Australia				
		AT - Austria				
		BE - Belgium				
		BR - Brazil				
		CA - Canada				
		CH - Switzerland				
		CN - China				
		CO - Columbia				
		DE - Germany				
		DK - Denmark				
		ES - Spain				
		FI - Finland				
		FR - France				
		GB - United Kingdom				
		HK - Hong Kong				
		IE - Ireland				
		IT - Italy				
		JP - Japan				
		KO - Korea, Republic of				
		MX - Mexico				
		NL - Netherlands				
		NO - Norway				
		PL - Poland				
		PT - Portugal				
		RU - Russian Federation				
		SE - Sweden				
		SG - Singapore				
		Z8 - South Africa				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
<i>US - United States</i>						
N407	1715	<b>Country Subdivision Code</b>	X	ID	1/3	Used
<b>Description:</b> Code identifying the country subdivision						
<b>Note 1:</b> See External Code Source 5 in Section III for reference document.						
N408	1702	<b>Postal Code-Formatted</b>	X	AN	3/20	Used
<b>Description:</b> A postal code value including punctuation, blanks and other characters as defined by the postal authority						

### Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. E0308 - Only one of N403 or N408 may be present.
3. C0605 - If N406 is present, then N405 is required.
4. C0704 - If N407 is present, then N404 is required.

### Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N403 contains the postal code in an unstructured format. N408 contains the postal code in a structured format. When a postal code data field is used, the parties shall agree as to which data element (N403 or N408) shall be used in the transaction set.

# PER Administrative Communications Contact

Pos: 2000	Max: >1
Heading - Optional	
Loop: N1	Elements: 8

**User Option (Usage):** Used

**Purpose:** To identify a person or office to whom administrative communications should be directed

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PER01	366	Contact Function Code	M	ID	2/2	Must use

**Description:** Code identifying the major duty or responsibility of the person or group named

**CodeList Summary** (Total Codes: 241, Included: 2)

**Code Name**

AL Alternate Contact

**Description:** Person to be contacted when the main contact is not available

**Note 1:**

Secondary contact.

IC Information Contact

**Description:**

Is the Primary Contact

PER02	93	Name	O	AN	1/60	Used
-------	----	------	---	----	------	------

**Description:** Free-form name

PER03	365	Communication Number Qualifier	X	ID	2/2	Used
-------	-----	--------------------------------	---	----	-----	------

**Description:** Code identifying the type of communication number

**CodeList Summary** (Total Codes: 43, Included: 3)

**Code Name**

EM Electronic Mail

FX Facsimile

TE Telephone

PER04	364	Communication Number	X	AN	1/256	Used
-------	-----	----------------------	---	----	-------	------

**Description:** Complete communications number including country or area code when applicable

PER05	365	Communication Number Qualifier	X	ID	2/2	Used
-------	-----	--------------------------------	---	----	-----	------

**Description:** Code identifying the type of communication number

**CodeList Summary** (Total Codes: 43, Included: 3)

**Code Name**

EM Electronic Mail

FX Facsimile

TE Telephone

PER06	364	Communication Number	X	AN	1/256	Used
-------	-----	----------------------	---	----	-------	------

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>Description:</b> Complete communications number including country or area code when applicable				
PER07	365	<b>Communication Number Qualifier</b>	X	ID	2/2	Used
		<b>Description:</b> Code identifying the type of communication number				
		<b>CodeList Summary</b> (Total Codes: 43, Included: 3)				
		<b><u>Code</u> <u>Name</u></b>				
		EM Electronic Mail				
		FX Facsimile				
		TE Telephone				
PER08	364	<b>Communication Number</b>	X	AN	1/256	Used
		<b>Description:</b> Complete communications number including country or area code when applicable				

**Syntax Rules:**

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.



# Loop Item Identification

Pos: 0100      Repeat: >1  
                   Optional  
 Loop: LIN    Elements: N/A

**User Option (Usage):** Used

**Purpose:** To specify basic item identification data

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0100	LIN	Item Identification	O	1		Used
0150	G53	Maintenance Type	O	1		Used
0300	DTM	Date/Time Reference	O	10		Used
0400	REF	Reference Information	O	>1		Used
0450	YNQ	Yes/No Question	O	10		Used
0500	PER	Administrative Communications Contact	O	>1		Used
0600	CTB	Restrictions/Conditions	O	25		Used
0700	PID	Product/Item Description	O	200		Used
0800	MEA	Measurements	O	200		Used
0900	PKG	Marking, Packaging, Loading	O	25		Used
1100	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	>1		Used
1400	LDT	Lead Time	O	1		Used
1650	TC2	Commodity	O	2		Used
1670	MTX	Text	O	>1		Used
1680	G55	Item Characteristics - Consumer Unit	O	1		Used
1695		Loop TRT	O		>1	Used
1700		Loop CTP	O		>1	Used
2430		Loop N1	O		>1	Used
2830		Loop G39	O		>1	Used
2850		Loop PKL	O		20	Used
3500		Loop SLN	O		>1	Used

# LIN Item Identification

Pos: 0100	Max: 1
Detail - Optional	
Loop: LIN	Elements: 9

**User Option (Usage):** Used

**Purpose:** To specify basic item identification data

**Note 1:**

*ITEM MAINTENANCE*

*LIN02 will be used to identify the ordering unit or the buyer's item number. This segment may be used in conjunction with (a) the G39 segment to identify the vendor selling unit, and (b) the G55 segment to identify the consumer selling unit.*

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN01	350	<b>Assigned Identification</b>	O	AN	1/20	Used

**Description:** Alphanumeric characters assigned for differentiation within a transaction set

**Note 1:** A sequential number assigned to each line item within the transaction starting with one.

LIN02	235	<b>Product/Service ID Qualifier</b>	M	ID	2/2	Must use
-------	-----	-------------------------------------	---	----	-----	----------

**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**CodeList Summary** (Total Codes: 546, Included: 11)

**Code Name**

- CA Case
- CM National Retail Federation Color Code

**Note 1:**

*This is the three-digit NRF code. See External Code Source 88 in Section III for reference document.*

- EN GTIN-13  
**Description:** A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

- EO GTIN-8  
**Description:** An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items

- FV Drug Identification Number (DIN)

**Note 1:**

*See External Code Source 874 in Section III for reference document.*

- MN Model Number
- NP Natural Health Product Number
- UK GTIN-14  
**Description:** A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items
- UP GTIN-12  
**Description:** A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items
- VE Vendor Color

**Code Name**

VN Vendor's (Seller's) Item Number

LIN03 234 **Product/Service ID** M AN 1/80 Must use

**Description:** Identifying number for a product or service

LIN04 235 **Product/Service ID Qualifier** X ID 2/2 Used

**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**CodeList Summary** (Total Codes: 546, Included: 11)

**Code Name**

CA Case

CM National Retail Federation Color Code

**Note 1:**

*This is the three-digit NRF code.  
See External Code Source 88 in Section III for reference document.*

EN GTIN-13

**Description:** A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

EO GTIN-8

**Description:** An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items

FV Drug Identification Number (DIN)

**Note 1:**

*See External Code Source 874 in Section III for reference document.*

MN Model Number

NP Natural Health Product Number

UK GTIN-14

**Description:** A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

UP GTIN-12

**Description:** A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items

VE Vendor Color

VN Vendor's (Seller's) Item Number

LIN05 234 **Product/Service ID** X AN 1/80 Used

**Description:** Identifying number for a product or service

LIN06 235 **Product/Service ID Qualifier** X ID 2/2 Used

**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**CodeList Summary** (Total Codes: 546, Included: 11)

**Code Name**

CA Case

CM National Retail Federation Color Code

**Note 1:**

*This is the three-digit NRF code.*

**Code Name**

*See External Code Source 88 in Section III for reference document.*

- EN GTIN-13  
**Description:** A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items
- EO GTIN-8  
**Description:** An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items
- FV Drug Identification Number (DIN)  
**Note 1:**  
*See External Code Source 874 in Section III for reference document.*
- MN Model Number
- NP Natural Health Product Number
- UK GTIN-14  
**Description:** A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items
- UP GTIN-12  
**Description:** A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items
- VE Vendor Color
- VN Vendor's (Seller's) Item Number

LIN07	234	<b>Product/Service ID</b>	X	AN	1/80	Used
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**Description:** Identifying number for a product or service

LIN08	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
-------	-----	-------------------------------------	---	----	-----	------

**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**Note 1:** *See Section III for code list.*

**CodeList Summary** (Total Codes: 546, Included: 11)

**Code Name**

- CA Case
- CM National Retail Federation Color Code  
**Note 1:**  
*This is the three-digit NRF code.  
See External Code Source 88 in Section III for reference document.*
- EN GTIN-13  
**Description:** A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items
- EO GTIN-8  
**Description:** An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items
- FV Drug Identification Number (DIN)  
**Note 1:**  
*See External Code Source 874 in Section III for reference document.*
- MN Model Number
- NP Natural Health Product Number
- UK GTIN-14

**Code Name**

**Description:** A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

UP GTIN-12

**Description:** A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items

VE Vendor Color

VN Vendor's (Seller's) Item Number

LIN09	234	<b>Product/Service ID</b>	X	AN	1/80	Used
-------	-----	---------------------------	---	----	------	------

**Description:** Identifying number for a product or service

**Syntax Rules:**

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

**Semantics:**

1. LIN01 is the line item identification

**Comments:**

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., ISBN No., Model No., or SKU.

# G53 Maintenance Type

Pos: 0150	Max: 1
Detail - Optional	
Loop: LIN	Elements: 1

**User Option (Usage):** Used

**Purpose:** To identify the specific type of item maintenance

**Note 1:**

*When BCT10 contains code 00, the segment is required to specify the action to be taken for the item identified in the associated LIN segment.*

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G5301	875	Maintenance Type Code	M	ID	3/3	Must use

**Description:** Code identifying the specific type of item maintenance

**CodeList Summary** (Total Codes: 128, Included: 5)

**Code Name**

001 Change

**Note 1:**

*The item being changed is identified in LIN02/LIN03. All data about the item is replaced. Changes to the contents of a module should be accomplished by deleting the old module and adding the new one.*

002 Delete

**Note 1:**

*The item being deleted is identified in LIN02/LIN03, and is the Ordering Unit.. All data about the item is deleted.*

*The G55 segment may be used to identify the associated Consumer Selling Unit that also is to be deleted. Do not send the G55 segment if the associated Consumer Selling Unit is NOT to be deleted.*

003 Add Full Item Detail

**Note 1:**

*The new item is identified in LIN02/LIN03.*

004 Withdraw Item (Temporary)

**Note 1:**

*The item to be withdrawn from ordering/distribution is identified in LIN02/LIN03. The item data should be retained until it is restored or deleted at a later date. No additional segments are required.*

005 Restore Item

**Note 1:**

*The item to be restored is identified in LIN02/LIN03.*

*The item data is assumed to have been retained; no additional segments are required.*

# DTM Date/Time Reference

Pos: 0300	Max: 10
Detail - Optional	
Loop: LIN	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify pertinent dates and times

**Note 1:**

*This segment is used to override the corresponding date in the header area. This is only applicable to the item identified in the preceding LIN segment.*

*When DTM01 contains code 168, DTM02 will specify the release date when retailers to whom a vendor has granted catalog access may view the associated catalog items, receive auto-updates and browse/choose date on-line. Prior to this date, the information is not available to other retailers.*

*When DTM01 contains code 440, DTM02 will specify the general release date of catalog information. Prior to this date, the information is not publicly available.*

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use

**Description:** Code specifying type of date or time, or both date and time

**CodeList Summary** (Total Codes: 1312, Included: 11)

**Code Name**

018 Available

**Note 1:**

*U.P.C. CATALOG: AVAILABLE DATE - First available ship date. Implies nothing about current availability.*

036 Expiration

**Description:** Date coverage expires

**Note 1:**

*DISCONTINUE DATE as defined by the Trade Item Identification and Communication Guidelines.*

043 Publication

**Note 1:**

*DATE OF CHANGE as defined by the Trade Item Identification and Communication Guidelines.*

092 Contract Effective

**Note 1:**

*U.P.C. CATALOG: BOOKING DATE - The date the item is available for ordering.*

*ITEM MAINTENANCE: First order date*

152 Effective Date of Change

**Description:** Date on which the change went into effect

**Note 1:**

*When BCT01 contains code PS (Retail Price Communication), this is the shipment date when this price change is effective, i.e. all identified items shipped on or after this date will have the new price applied.*

177 Cancellation

**Code Name**

**Description:** *Date on which the coverage or service is no longer in force*

**Note 1:**

*CANCELLATION DATE as defined by the Trade Item Identification and Communication Guidelines*

440 Release of Information

**Description:** *Date patient signified it was acceptable to distribute pertinent information to other parties*

**Note 1:**

*GS1 US & GS1 Canada implementation note: General release of catalog information*

584 Reinstatement

**Note 1:**

*REINSTATEMENT DATE as defined by the Trade Item Identification and Communication Guidelines.*

604 Withdrawn

ILU Image Last Update Date

OCD Organic Certification Date

**Description:** *The date that the organic certification was issued by the organic certification agency*

DTM02 373 **Date** X DT 8/8 Must use

**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

**Syntax Rules:**

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.



# REF Reference Information

Pos: 0400	Max: >1
Detail - Optional	
Loop: LIN	Elements: 3

**User Option (Usage):** Used

**Purpose:** To specify identifying information

**Note 1:**

*When BCT01=PS (Price Sheet) this segment will be ignored inbound for data synchronization*

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use

**Description:** Code identifying the Reference Identification

**CodeList Summary** (Total Codes: 1820, Included: 7)

**Code Name**

HS Harmonized Code System (Canada)

**Note 1:**

*See Code Source 78*

MS Manufacturer's Material Safety Data Sheet Number

**Note 1:**

*Only one Manufacturer's Material Safety Data Sheet Number (MS) per GTIN.*

ANT Anatomical Therapeutic Chemical (ATC) Classification Code

ATH American Hospital Formulary System (AHFS) Classification Code

MDC Medical Device Class

**Note 1:**

*When MDC is used, REF02 (DE127) will have a value of:  
 Class I - Lowest Risk  
 Class II - Low Risk  
 Class III - Moderate Risk  
 Class IV - High Risk*

MDL Medical Device License Number

OCN Organic Certification Number

**Description:** A number assigned by an accredited organic certifying agency which certifies that the organic production and handling practices meet legislative standards

REF02	127	Reference Identification	X	AN	1/80	Used
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**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

REF03	352	Description	X	AN	1/80	Used
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**Description:** A free-form description to clarify the related data elements and their content

**Syntax Rules:**

1. R0203 - At least one of REF02 or REF03 is required.

**Semantics:**

1. REF04 contains data relating to the value cited in REF02.

# YNQ Yes/No Question

Pos: 0450	Max: 10
Detail - Optional	
Loop: LIN	Elements: 3

**User Option (Usage):** Used

**Purpose:** To identify and answer yes and no questions, including the date, time, and comments further qualifying the condition

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
YNQ01	1321	Condition Indicator Code	X	ID	2/3	Used

**Description:** Code indicating a condition

**CodeList Summary** (Total Codes: 1345, Included: 2)

**Code Name**

G4	Genetically Engineered Organisms are Used or Produced
Q3	U.S. Goods Returned

**Note 1:**

*Used to identify Returnable Trade Item*

YNQ02	1073	Yes/No Condition or Response Code	M	ID	1/1	Must use
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**Description:** Code indicating a Yes or No condition or response

**CodeList Summary** (Total Codes: 4, Included: 4)

**Code Name**

N	No
U	Unknown
W	Not Applicable
Y	Yes

YNQ10	933	Free-form Message Text	X	AN	1/264	Used
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**Description:** Free-form message text

## Syntax Rules:

1. E010910 - Only one of YNQ01, YNQ09 or YNQ10 may be present.
2. P0304 - If either YNQ03 or YNQ04 is present, then the other is required.
3. C0908 - If YNQ09 is present, then YNQ08 is required.

## Semantics:

1. YNQ02 confirms or denies the statement made in YNQ01, YNQ09 or YNQ10. A "Y" indicates the statement is confirmed; an "N" indicates the statement is denied.
2. YNQ10 contains a free-form question when codified questions are not available.

# PER Administrative Communications Contact

Pos: 0500	Max: >1
Detail - Optional	
Loop: LIN	Elements: 4

**User Option (Usage):** Used

**Purpose:** To identify a person or office to whom administrative communications should be directed

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
PER01	366	<b>Contact Function Code</b>	M	ID	2/2	Must use				
<p><b>Description:</b> Code identifying the major duty or responsibility of the person or group named</p> <p><b>CodeList Summary</b> (Total Codes: 241, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CR</td> <td>Customer Relations</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	CR	Customer Relations
<u>Code</u>	<u>Name</u>									
CR	Customer Relations									
PER02	93	<b>Name</b>	O	AN	1/60	Used				
<p><b>Description:</b> Free-form name</p>										
PER03	365	<b>Communication Number Qualifier</b>	X	ID	2/2	Used				
<p><b>Description:</b> Code identifying the type of communication number</p> <p><b>CodeList Summary</b> (Total Codes: 43, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>TE</td> <td>Telephone</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	TE	Telephone
<u>Code</u>	<u>Name</u>									
TE	Telephone									
PER04	364	<b>Communication Number</b>	X	AN	1/256	Used				
<p><b>Description:</b> Complete communications number including country or area code when applicable</p>										

## Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

# CTB Restrictions/Conditions

Pos: 0600	Max: 25
Detail - Optional	
Loop: LIN	Elements: 3

**User Option (Usage):** Used

**Purpose:** To specify restrictions/conditions (such as shipping, ordering)

**Note 1:**

*When BCT01=PS (Price Sheet) this segment will be ignored inbound for data synchronization*

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTB01	688	Restrictions/Conditions Qualifier	M	ID	2/2	Must use

**Description:** Code identifying the type of restriction/condition

**CodeList Summary** (Total Codes: 11, Included: 1)

**Code Name**

OR Ordering

CTB03	673	Quantity Qualifier	X	ID	2/2	Used
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**Description:** Code specifying the type of quantity

**CodeList Summary** (Total Codes: 1137, Included: 3)

**Code Name**

57 Minimum Order Quantity

**Note 1:**

*Manufacturer imposed minimum order for item.*

70 Maximum Order Quantity

AP Order Quantity Multiple

**Description:** Product must be ordered in multiples of a number

**Note 1:**

*Product must be ordered in multiples of the quantity in CTB04*

CTB04	380	Quantity	X	R	1/15	Used
-------	-----	----------	---	---	------	------

**Description:** Numeric value of quantity

**Note 1:**

*The value must be an integer greater than zero*

**Syntax Rules:**

1. R020406 - At least one of CTB02, CTB04 or CTB06 is required.
2. P0304 - If either CTB03 or CTB04 is present, then the other is required.
3. P0506 - If either CTB05 or CTB06 is present, then the other is required.
4. C0704 - If CTB07 is present, then CTB04 is required.

# PID Product/Item Description

Pos: 0700	Max: 200
Detail - Optional	
Loop: LIN	Elements: 7

**User Option (Usage):** Used

**Purpose:** To describe a product or process in coded or free-form format

**Note 1:**

The PID segment is used to provide product/item descriptions in text and or coded formats. The codes in PID04 are published only in this guideline.

When PID02 contains code 05 or 06, PID03 will contain code ZZ and PID04 will contain the Canadian Merchandise Classification Code.

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PID01	349	Item Description Type Code	M	ID	1/1	Must use

**Description:** Code indicating the format of a description

**CodeList Summary** (Total Codes: 3, Included: 3)

**Code Name**

F Free-form

**Note 1:**

The description will be found in PID05.

S Structured (From Industry Code List)

**Note 1:**

The description will be found in PID04.

X Semi-structured (Code and Text)

**Note 1:**

The description will be found in PID04 and PID05.

PID02	750	Product/Process Characteristic Code	O	ID	2/3	Used
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**Description:** Code identifying the general class of a product or process characteristic

**CodeList Summary** (Total Codes: 275, Included: 109)

**Code Name**

05 Category

**Note 1:**

For Canada: Canadian Merchandise Classification Codes are maintained by GS1 Canada, 1500 Don Mills Road, Suite 800, Toronto, Ontario M3B 3L1, www.gs1ca.org, info@gs1ca.org.

**Note 2:**

For the convenience store industry categories, see External Code Source 850

06 Sub-category

**Note 1:**

For Canada: Canadian Merchandise Classification Codes are maintained by GS1 Canada, 1500 Don Mills Road, Suite 800, Toronto, Ontario M3B 3L1, www.gs1ca.org, info@gs1ca.org.

**Note 2:**

**Code Name**

	<i>For the convenience store industry categories, see External Code Source 850.</i>
08	Product
	<b>Note 1:</b> <i>PRODUCT DESCRIPTION as defined by VICS Trade Item Identification and Communication Guidelines</i>
09	Sub-product
	<b>Note 1:</b> <i>Lower level name associated with trade item, must be accompanied by a Trade Name or Brand Name.</i>
11	Society, Government, Customer Specifications
	<b>Note 1:</b> <i>Taxes for Canadian PST (Provincial Sales Tax), GST (Goods and Services Tax) and HST (Harmonized Sales Tax) using PID02 = 11 - Society, Government, Customer Specifications with the Canadian Legislative Requirements with PID04 = Note 2: Canadian Legislative Requirements Part 1: TX Canadian Tax Codes, Part 2: Province Codes and Part 3: GST, PST or HST</i>
12	Type and/or Process
	<b>Note 1:</b> <i>Also used to identify the Trade Item Unit Indicator.</i>
13	Quality (Quality Level)
35	Color
	<b>Note 1:</b> <i>Used by Alcohol Beverage Industry and Canadian Industry.</i>
37	Fiber
38	Grade
39	Luster
40	Shade
41	Tint
61	End Use Application
	<b>Note 1:</b> <i>Used only by the Canadian Pharmaceutical industry</i>
66	Electrical
67	Functional Performance
69	Physical
73	Vendor color description
	<b>Note 1:</b> <i>COLOR DESCRIPTION as defined by VICS Trade Item Identification and Communication Guidelines</i>
74	Vendor size description
	<b>Note 1:</b> <i>SIZE DESCRIPTION as defined by VICS Trade Item Identification and Communication Guidelines</i>
75	Buyer's Color Description
	<b>Note 1:</b> <i>Used only from retailer to vendor for private label products.</i>
76	Dye Lot Description
77	Finish Description

**Code Name**

78 Pattern Description

79 Put-up Description

**Note 1:***Weight scale description*

91 Buyer's Item Size Description

**Note 1:***Used only from retailer to vendor for private label products.*

92 Fabric Description

**Note 1:***PRODUCT CATALOG: FABRIC DESCRIPTION - Fabric content or description.*

AA Assembly Required

AB Construction

AC Consumer Instructions

AD Shelf Tag

AE Fragrance

AH Material

AI Nutrition

AJ Recycle

AK Silhouette

AN Anaerobic Spores

AR Allergen

AS Aerobic Spores

B8 Bureau of Alcohol, Tobacco and Firearms Class Code

**Description:** *Categories of broad definitions and characteristics for different compositions or "classes" of alcoholic beverages (i.e., Whiskey, Brandy, Vodka)***Note 1:***Used only by the Alcohol Beverage Industry  
See External Code Source 321*

BC Behind-the-Counter Drugs

BE Benefits

C2 Controlled Substance - Class 2

C3 Controlled Substance-Class 3 (Narcotic)

C4 Controlled Substance - Class 4

C5 Controlled Substance - Class 5

C6 Controlled Substance-Class 3N (Non-narcotic)

DF Dosage Form

**Description:** *A description of the product's physical form, such as caplet, tablet, or capsule***Note 1:***Used only by the Canadian Pharmaceutical industry*

DG Dangerous Goods Packing Group

DI Diet Type

DP Drug Product Identification

DS Drug Schedule

DT Dangerous Goods Technical Name

EV Environmental Requirement

FQ Quality



**Code Name**

**Description:** *The base product that results in a different grade; also known as a product line, e.g., Cognac can be Classico, V.S., VSOP, or XO*

**Note 1:**

*Used only by the Alcohol Beverage Industry*

- GD Grain Direction
- GE Genetically Modified Ingredients
- HB Health and Beauty Aids
- HZ Hazardous Material
- MC Markings Front
- MD Markings Back
- ME Markings Alternate
- MS Medical Supplies
- NH Non-Hazardous Material
- OT Over-the-Counter Drug
- P6 Percentage of Alcohol

**Description:** *The percentage of alcohol as measured against the total volume of a product such as cordials, liqueurs, cocktails, highballs, bitters and other such specialty alcoholic beverages*

**Note 1:**

*Used only by the Alcohol Beverage Industry*

- PD Physical Form: As Diluted
- PF Physical Form: Concentrate
- PL Product Type

**Description:** *Identifies product as custom, branded or private*

- PR Manufacturing Process

**Description:** *Production operations performed on the product being reported*

- R3 Proof

**Description:** *Strength of a liquor as measured in proof spirit where 50% alcohol by volume is equal to 100 proof*

**Note 1:**

*Used only by the Alcohol Beverage Industry*

- RA Route of Administration

**Description:** *The way a medicine is given to or taken by the patient*

**Note 1:**

*Used only by the Canadian Pharmaceutical industry*

- RG Return Goods
- RT Returnable
- RX Prescription Drug
- SB Sub-Brand

**Note 1:**

*Lower level name associated with trade item. Must be accompanied by a Trade Name or Brand Name.*

- SH Trade Item Shape Description
- SS Serving Suggestions

**Description:** *Value add characteristic of the product*

- TC Therapeutic Class

**Description:** *A way of categorizing medicines*

<b>Code</b>	<b>Name</b>
UN	Unscheduled Drug
VI	Vintage <b>Description:</b> <i>The harvest year of the grapes that are part of the composition of a particular wine</i> <b>Note 1:</b> <i>Used only by the Alcohol Beverage Industry</i>
VR	Variant <b>Description:</b> <i>The distinguishing characteristics that differentiate products with the same brand and size</i>
WD	Warranty Description <b>Description:</b> <i>The warranty description for the final consumer, which the retailer needs to keep on file, in case the consumer has a claim against the warranty</i>
WF	Wine Fruit <b>Description:</b> <i>The fruit used as a base to produce a wine, e.g., apple, blackberry</i> <b>Note 1:</b> <i>Used only by the Alcohol Beverage Industry</i>
AGE	Age <b>Description:</b> <i>The period during which, after distillation and before bottling, distilled spirits have been stored in oak containers</i> <b>Note 1:</b> <i>Used only by the Alcohol Beverage Industry</i>
BCC	Beverage Contents Characteristics, (e.g., Kosher, No Sulfites, etc. (Industry List) <b>Note 1:</b> <i>Used only by the Alcohol Beverage Industry</i>
BEV	Beverage Category <b>Description:</b> <i>A description to designate the category the beverage falls into, e.g., blends, bourbons, scotch, vodka, gin</i> <b>Note 1:</b> <i>Used only by the Alcohol Beverage Industry</i>
BHZ	Biomedical Hazard
BND	Brand Group <b>Description:</b> <i>Products similar in name only, but of different size, age, proof, quality and flavor</i> <b>Note 1:</b> <i>Used only by the Alcohol Beverage Industry</i>
CCN	Common Chemical Name
DAC	Damage Code <b>Description:</b> <i>Type of damage</i> <b>Note 1:</b> <i>This code is used in conjunction with PID04 to specify the destroy/return policy code for return, damaged or defective goods.</i>
FLV	Flavor <b>Description:</b> <i>Distinctions from the base product that result in different taste or flavor, e.g., citrus, pepper</i> <b>Note 1:</b> <i>Used only by the Alcohol Beverage Industry</i>
GEN	General Description



**Code Name**

See External Code Source 289

ZZ Mutually Defined

**Note 1:**

This code is used only in conjunction with codes 05 and 06 in PID02.

PID04 751 **Product Description Code** X AN 1/12 Used

**Description:** A code from an industry code list which provides specific data about a product characteristic

**Note 1:** PID01=S  
 PID02 = as defined below  
 PID03 = VI  
 PID04 = as defined below

-----  
 ALLERGENS - PID02 = AR; PID04 = select one or more codes from the following list:

- AC Crustacean
- AD Disclaimer
- AE Eggs
- AF Fish
- AG Gluten
- AJ Latex in Product
- AL Latex Free
- AM Milk
- AN Tree Nuts
- AO Shellfish
- AP Peanut
- AR Mustard
- AS Sesame
- AU Sulphites
- AW Wheat
- AY Soy

BRAND DISTRIBUTION TYPE identifies how the product may be distributed.

- PID02=PL; PID04= select one code from the following list.
- BR Unrestricted Distribution - the data recipient has the permission to sell the product as per trading partner agreement.
- PR Restricted Distribution - the data source has restrictions on where, how, and / or to whom the product may be sold.

COMPLIANCY CODES - PID02 = EV; PID04 = select one or more codes from the following list:

- EV Compliant with State Environment Requirements
- FA Compliant with Flammability Act
- FL Compliant with Fair Labor Standards Act
- FP Compliant with Fur Product Labeling Act
- TF Compliant with Textile Fiber Product Identification
- VC Volatile Organic Compound (VOC) Compliant
- WA Compliant with Wool Products Labeling Act

DAMAGE CODES - PID02 = DAC; PID04 = select one or more codes from the following list:

- CFA Call for Authorization
- DFC Destroy for Credit
- RFC Return for Credit
- HFI Hold for Inspection

**Ref**      **Id**      **Element Name**      **Req**    **Type**    **Min/Max**    **Usage**

*DESCRIPTION - PID02 = 08; PID04 = select a code from the following list:*

- ED Extended Description*
- As defined by the VICS Trade Item Identification and Communication Guidelines*
- PD Product Description*
- SD Short Product Description*

*DOSAGE FORM - See Note 4 for full list of codes*

*DRUG PRODUCT IDENTIFICATION - PID02 = DP; PID04 = select one or more codes from the following list:*

- B1 Cytotoxic Material*
- B2 Biologic Material*
- B3 Radioactive Material*
- B4 Antineoplastic Material*
- DY Drug Product is Divisible*
- DN Drug Product is not Divisible*
- K1 Trade Item is Shakable*
- K2 Trade Item is Not Shakable*
- L1 Trade Item is Sterile*
- L2 Trade item is Not Sterile*
- PA Trade Item contains Class A Precursor Substance*
- PB Trade Item contains Class B Precursor Substance*
- PN Trade Item does Not contain a Precursor Substance*  
*Precursor Substance Class as defined in 'Canadian Controlled Drugs & Substances Act, Schedule VI'*
- R1 Trade Item is Federally Reportable*
- R2 Trade Item is Not Federally Reportable*
- T1 Trade Item Drug Type is Brand*
- T2 Trade Item Drug Type is Generic*
- TY Drug Product Contains Targeted Substance*
- TN Drug Product Does Not Contain Targeted Substance*
- CON1 Controlled Drug in Canadian Food and Drug Regulations, Part G Schedule - Part 1*
- CON2 Controlled Drug in Canadian Food and Drug Regulations, Part G Schedule - Part 2*
- CON3 Controlled Drug in Canadian Food and Drug Regulations, Part G Schedule - Part 3*
- CON4 Not Applicable*
- NAR1 Narcotic Only*
- NAR2 Narcotic Preparation*
- NAR3 Exempted Codine*
- NAR4 Not Applicable*
- TCNSP Not Specified*
- TCFRZ Frozen (-25C to -20C)*
- TCREF Refrigerated (2C to 8C)*
- TCCOL Cool (8C to 15C)*
- TCRMT Room Temperature (15C to 30C)*
- TCCRT Controlled Room Temperature (20C to 25C)*
- TCEXH Excessive Heat (>40C)*
- TCOTH Other; specify temperature control range.*  
*When this code is used, use:*  
*MEA01=TE,*  
*MEA02=TCR,*  
*MEA04=CE,*  
*MEA05=Range Minimum Value,*  
*MEA06=Range Maximum Value*

*FUNCTIONAL PERFORMANCE - PID02 = 67; PID04 = select code from the following list:*

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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		<i>TR Auto-Reader / Tracker Available</i>				
		<i>GENETICALLY MODIFIED INGREDIENT IN PRODUCT - PID02 = GE; PID04= select GM GM = Genetically modified ingredient in product</i>				
		<i>MARKETING - PRODUCTION TYPE - PID02 = PR; PID04= select one code from the following list: CP Co-Packed Product is packaged with something else MF Manufactured All of the ingredients of the product were made by the same company PH Purchased Bought elsewhere to be incorporated in a company's line of products</i>				
		<i>MEDICAL DEVICE - PID02=08; PID03=VI; PID04= select a code from the following list. IM Implantable J Injectable</i>				
		<i>ODD SIZE - PID02 = 08; PID04= select a code from the following list: OS Size not within normal size range (Odd Size) ODD SIZE Code may be at a different price point than other SKUs with the same product identifier</i>				
		<i>RECALL INDICATOR - PID02 = 08; PID04 = select a code from the following list: RC Recalled Product The manufacturer or supplier has recalled the trade item</i>				
		<i>REORDER AVAILABILITY - PID02 = 08; PID04 = select one code from the following list: RN Product cannot be reordered RY Product can be reordered</i>				
		<i>SEASONAL AVAILABILITY - PID02 = 08; PID04 = select one code from the following list: SN Seasonal product currently not available SY Seasonal product currently available</i>				
		<i>SPECIAL TRADE ITEMS - PID02 = 08; PID04 = select one code from the following list, as defined by the VICS Trade Item Identification and Communication Guidelines: CL Collateral GW Gift with purchase PW Purchase with purchase</i>				
		<i>TRADE ITEM DESCRIPTOR - PID02 = 12; PID04 = select one code from the following list: CA Case Standard shipping unit EA Each Trade item intended or labeled for individual sale or consumption MX Mixed Module Trade item consisting of mixed products or a display ready pallet PK Pack or Inner Pack A logistical trade item unit between Case and Each. It may or not be intended for ultimate consumption. May also Indicate that an item is sold only as part of a prepack. PL Pallet UD Dispensing or Application Unit</i>				
		<i>TRADE ITEM UNIT INDICATOR - PID02 = 12; PID04 = select one or more codes from the following list:</i>				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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		<i>BU Base Unit</i> <i>Trade item is the base unit level of the trade item hierarchy</i>				
		<i>CU Consumer Unit</i> <i>Trade item is intended for ultimate consumption</i>				
		<i>DU Despatch Unit</i> <i>Trade item is a dispatch/shipping unit</i>				
		<i>IU Invoice Unit</i> <i>Trade item will be included on bills or invoices</i>				
		<i>OU Orderable Unit</i> <i>Orders will be accepted for trade item</i>				
		<i>VU Variable Unit</i> <i>Trade item is of variable quantity</i>				

**Note 2:**

**CANADIAN LEGISLATIVE REQUIREMENTS**

Canadian industry requirements regarding restrictions or government legislation may apply and are represented using the following multi-part code:

Part 1 (Positions 1-2) identifies the restrictions or government legislation, e.g. TX (Canadian Tax Code).

Part 2 (Positions 3-4) identifies the applicable province which is identified by the appropriate 2-digit ISO code,

e.g. ON (Ontario). (Contact [www.canadapost.ca](http://www.canadapost.ca))

Part 3 (Positions 5-7) identifies the type of tax applicable, e.g. PST (Provincial Sales Tax).

-----  
PID01 = S

PID02 = 11

PID03 = FE

PID04 = follow instructions below:

Completing PID04:

Select one code from Part 1.

- If code TX is selected, Part 2 and Part 3 are required.

- If a code other than TX is selected, only Part 2 is required.

Part 1 (Positions 1-2)

D1 Drug requiring a prescription

D2 Drug not requiring prescription - available only from pharmacist (not accessible to the public)

D3 Drug not requiring prescription - accessible to the public requiring the pharmacist intervention

D4 Veterinary drug requiring a prescription

D5 Veterinary drug not requiring a prescription

D6 Drug sold anywhere by any retailer

EL Environmental Levy

NA Not legal to advertise

ND Not legal to discount

TX Canadian tax codes

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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*Part 2 (Positions 3-4)*  
*AB Alberta*  
*BC British Columbia*  
*CN Canada*  
*MB Manitoba*  
*NB New Brunswick*  
*NL Newfoundland and Labrador*  
*NS Nova Scotia*  
*NT Northwest Territories*  
*NU Nunavut*  
*ON Ontario*  
*PE Prince Edward Island*  
*QC Quebec*  
*SK Saskatchewan*  
*YT Yukon Territory*

*Part 3 = Tax Type (Positions 5-7)*  
*PST Provincial Sales Tax*  
*GST Goods and Services Tax*  
*HST Harmonized Sales Tax*

**Note 3:**

**DIET TYPES**

*PID01=S*

*PID02 = DI*

*PID03 = FE*

*PID04 = select a code value from the following list:*

*PID04 -Meaning*

*X1 Dietetic*

*X2 Halal*

*X3 Kosher*

*X3A Kosher Pareve*

*X3B Kosher Dairy*

*X3C Kosher Meat*

*X3D Kosher For Passover*

*X3E Kosher For Passover Pareve*

*XEF Kosher For Passover Dairy*

*X3G Kosher For Passover Meat*

*X3H Not Kosher*

*X4 Organic*

*X5 Vegan*

*X6 Vegetarian*

*X7 Without Pork*

*X8 Without Beef*

**Note 4:**

**DOSAGE FORM CODES**

*Used with PID01= S Structured, PID02=DF Dosage Form, PID03=FE GS1 Canada, PID04*



<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
<i>Select one code from the following list:</i>						
		<b><i>Dosage Form Code</i></b>		<b><i>Dosage Form Attribute in English</i></b>		<b><i>Dosage Form Attribute en Français</i></b>
		<i>AERO</i>		<i>Aerosol</i>		<i>Aérosol</i>
		<i>AERM</i>		<i>Aerosol Metered-Dose</i>		<i>Aérosol à dose mesurée</i>
		<i>BAR</i>		<i>Bar</i>		<i>Tablette</i>
		<i>BEAD</i>		<i>Beads</i>		<i>Billes</i>
		<i>BOLS</i>		<i>Bolus</i>		<i>Bol</i>
		<i>CAPT</i>		<i>Caplet</i>		<i>Comprimé</i>
		<i>CAPU</i>		<i>Capsule</i>		<i>Capsule</i>
		<i>CPEC</i>		<i>Capsule Enteric-Coated</i>		<i>Capsule entéro-soluble</i>
		<i>CPSR</i>		<i>Capsule Sustained-Release</i>		<i>Capsule à libération soutenue</i>
		<i>CPCR</i>		<i>Capsule Controlled Release</i>		<i>Capsule à action contrôlée</i>
		<i>CADR</i>		<i>Capsule Delayed Release</i>		<i>Capsule à action retardée</i>
		<i>CAER</i>		<i>Capsule Extended Release</i>		<i>Capsule à libération modifiée</i>
		<i>CARR</i>		<i>Capsule Rapid Release</i>		<i>Capsule à libération rapide</i>
		<i>CREA</i>		<i>Cream</i>		<i>Crème</i>
		<i>CRYS</i>		<i>Crystals</i>		<i>Cristaux</i>
		<i>DISK</i>		<i>Disk</i>		<i>Disc</i>
		<i>DCSR</i>		<i>Disk Sustained-Release</i>		<i>Disc à libération soutenue</i>
		<i>DCHE</i>		<i>Douche Not Specified</i>		<i>Douche (non spécifié)</i>
		<i>DROP</i>		<i>Drops</i>		<i>Gouttes</i>
		<i>ELIX</i>		<i>Elixir</i>		<i>Elixir</i>
		<i>EMUL</i>		<i>Emulsion</i>		<i>Émulsion</i>
		<i>ENEM</i>		<i>Enema</i>		<i>Lavement</i>
		<i>FLSS</i>		<i>Floss</i>		<i>Soie dentaire</i>
		<i>EXTR</i>		<i>Fluid Extract</i>		<i>Extrait fluide</i>
		<i>FILM</i>		<i>Film</i>		<i>Film</i>
		<i>FOAM</i>		<i>Foam</i>		<i>Mousse</i>
		<i>GAS</i>		<i>Gas</i>		<i>Gaz</i>
		<i>GELC</i>		<i>Gel Extended-Release</i>		<i>Gel à libération modifiée</i>
		<i>GEL</i>		<i>Gel</i>		<i>Gel</i>
		<i>GLBL</i>		<i>Globules</i>		<i>Globules</i>
		<i>GRAN</i>		<i>Granules</i>		<i>Granules</i>
		<i>GUM</i>		<i>Gum Chewing</i>		<i>Gomme</i>
		<i>IMPL</i>		<i>Implant</i>		<i>Implant</i>
		<i>JELY</i>		<i>Jelly</i>		<i>Gelée</i>
		<i>LIPO</i>		<i>Liposomal</i>		<i>Liposomale</i>
		<i>LIQD</i>		<i>Liquid</i>		<i>Liquide</i>

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
	LOTN	Lotion			Lotion	
	LOZG	Lozenge			Pastille	
	MDPP	Metered-Dose Pump			Dose mesurée (pompe à)	
	MIST	Mist			Mélange	
	MOWH	Mouthwash/Gargle			Rince bouche	
	MUDF	Multiple Dosage Form (combination of more than one dosage form)			Forme pharmaceutique multiple	
	NEBU	Nebulization Solution			Solution de pulvérisation	
	OIL	Oil			Huile	
	OINT	Ointment			Onguent	
	OVLS	Ovules			Ovules	
	PADS	Pads			Compresse	
	PSTE	Paste			Pâte	
	PATC	Patch			Timbre	
	PELT	Pellet			Pellet	
	PNCL	Pen			Stylo	
	PLST	Plaster			Emplâtre	
	POEF	Powder Effervescent			Poudre (effervescente)	
	POWD	Powder			Poudre	
	POWS	Powder For Solution			Poudre pour solution	
	POWP	Powder For Suspension			Poudre pour suspension	
	PMTD	Powder, Metered Dose			Poudre, dose mesurée	
	RING	Ring Slow Release			Anneau à action retardée	
	SEED	Seed			Graine	
	SMAN	Shampoo			Shampoing	
	SOLN	Solution			Solution	
	SOMD	Solution Metered Dose			Doseur de solution	
	SOLR	Solution When Reconstituted			Solution reconstituée	
	SOLA	Solution Extended Release Long-Acting			Solution à libération modifiée et à action prolongée	
	SPNG	Sponge			Éponge	
	SPRY	Spray			Vaporisateur	
	STCK	Stick			Bâton	
	STRP	Strip			Bande	
	SUSR	Suppository Delayed Release			Suppositoire à action retardée	
	SUPP	Suppository			Suppositoire	
	SUSP	Suspension			Suspension	
	SUDR	Suspension Delayed Release			Suspension à action retardée	
	SUER	Suspension Extended Release			Suspension à libération	

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
						<i>modifiée</i>
		<i>SWAB</i>		<i>Swab</i>		<i>Coton-tige</i>
		<i>YSR</i>		<i>Syrup Extended-Release</i>		<i>Sirap à libération soutenue</i>
		<i>SRP</i>		<i>Syrup</i>		<i>Sirap</i>
		<i>TCRL</i>		<i>Tablet Combined Release</i>		<i>Comprimé à libération combinée</i>
		<i>TBDR</i>		<i>Tablet Delayed Release</i>		<i>Comprimé à action retardée</i>
		<i>TAER</i>		<i>Tablet Extended Release</i>		<i>Comprimé à libération modifiée</i>
		<i>TAIR</i>		<i>Tablet Immediate Release</i>		<i>Comprimé à libération immédiate</i>
		<i>TAOD</i>		<i>Tablet Orally Disintegrating</i>		<i>Comprimé à dissolution orale</i>
		<i>TBRD</i>		<i>Tablet Rapid Dissolving</i>		<i>Comprimé à dissolution rapide</i>
		<i>TASR</i>		<i>Tablet Sustained Release</i>		<i>Comprimé à libération soutenue</i>
		<i>TABS</i>		<i>Tablet</i>		<i>Comprimé</i>
		<i>CHEW</i>		<i>Tablet Chewable</i>		<i>Comprimé croquable</i>
		<i>TBCR</i>		<i>Tablet Controlled Release</i>		<i>Comprimé à libération contrôlée</i>
		<i>TBEF</i>		<i>Tablet Effervescent</i>		<i>Comprimé effervescent</i>
		<i>TBEC</i>		<i>Tablet Enteric Coated</i>		<i>Comprimé entéro-soluble</i>
		<i>TBFC</i>		<i>Tablet Film Coated</i>		<i>Comprimé pelliculé</i>
		<i>SUBL</i>		<i>Tablet Sublingual</i>		<i>Comprimé sublingual</i>
		<i>TAMP</i>		<i>Tampon</i>		<i>Tampon</i>
		<i>TAPE</i>		<i>Tape</i>		<i>Ruban</i>
		<i>TEAH</i>		<i>Tea Herbal</i>		<i>Tisane</i>
		<i>TINC</i>		<i>Tincture</i>		<i>Teinture</i>
		<i>TOPT</i>		<i>Toothpaste</i>		<i>Pâte dentifrice</i>
		<i>WAFR</i>		<i>Wafer</i>		<i>Cachet</i>
		<i>WIPE</i>		<i>Wipe</i>		<i>Serviette</i>

**Note 5:**

ROUTE OF ADMINISTRATION CODES

Used with PID01= S Structured, PID02=RA Route of Administration, PID03=FE GS1 Canada, PID04

Select one code from the following list:

<u>ROA Code</u>	<u>Route of Admin English</u>	<u>en Français</u>
<i>BU</i>	<i>Buccal</i>	<i>Buccal</i>
<i>DE</i>	<i>Dental</i>	<i>Dentaire</i>
<i>DI</i>	<i>Dialysis</i>	<i>Dialyse</i>
<i>EP</i>	<i>Epidural</i>	<i>Épidurale</i>

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<i>IM</i>		<i>Implant</i>		<i>Implant</i>
		<i>IN</i>		<i>Inhalation</i>		<i>Inhalation</i>
		<i>I2</i>		<i>Intra-amniotic</i>		<i>Intra-amniotique</i>
		<i>I3</i>		<i>Intra-arterial</i>		<i>Intra-artérielle</i>
		<i>I4</i>		<i>Intra-articular</i>		<i>Intra-articulaire</i>
		<i>I5</i>		<i>Intrabrachial</i>		<i>Intrabronchique</i>
		<i>I6</i>		<i>Intrabursal</i>		<i>Intrabursique</i>
		<i>I7</i>		<i>Intracardiac</i>		<i>Intracardiaque</i>
		<i>I8</i>		<i>Intracavernosal</i>		<i>Intracaverneuse</i>
		<i>I9</i>		<i>Intracavitary</i>		<i>Intracavitaire</i>
		<i>I0</i>		<i>Intracervical</i>		<i>Intracervicale</i>
		<i>IB</i>		<i>Intracranial</i>		<i>Intracrânienne</i>
		<i>IC</i>		<i>Intracutaneous</i>		<i>Intracutanée</i>
		<i>ID</i>		<i>Intradermal</i>		<i>Intradermique</i>
		<i>IE</i>		<i>Intraganglional</i>		<i>Intraganglionnaire</i>
		<i>IF</i>		<i>Intralesional</i>		<i>Intralésionnelle</i>
		<i>IG</i>		<i>Intramammary</i>		<i>Intramammaire</i>
		<i>IH</i>		<i>Intramuscular</i>		<i>Intramusculaire</i>
		<i>II</i>		<i>Intranasal</i>		<i>Intranasale</i>
		<i>IK</i>		<i>Intraocular</i>		<i>Intraoculaire</i>
		<i>IL</i>		<i>Intrapericardial</i>		<i>Intrapéricardiale</i>
		<i>I0</i>		<i>Intraperitoneal</i>		<i>Intrapéritonéale</i>
		<i>IP</i>		<i>Intrapleural</i>		<i>Intrapleurale</i>
		<i>IQ</i>		<i>Intrapulmonary</i>		<i>Intrapulmonaire</i>
		<i>IS</i>		<i>Intraspinal</i>		<i>Intraspinale</i>
		<i>IV</i>		<i>Intrasynovial</i>		<i>Intrasynoviale</i>
		<i>IW</i>		<i>Intratendinous</i>		<i>Intratendineuse</i>
		<i>IX</i>		<i>Intrathecal</i>		<i>Intrathécale</i>
		<i>IY</i>		<i>Intratracheal</i>		<i>Intratrachéale</i>
		<i>IU</i>		<i>Intrauterine</i>		<i>Intrautérine</i>
		<i>IZ</i>		<i>Intravascular</i>		<i>Intravasculaire</i>
		<i>T1</i>		<i>Intravenous</i>		<i>Intraveineuse</i>
		<i>T2</i>		<i>Intravesicular</i>		<i>Intravésiculaire</i>
		<i>T3</i>		<i>Intravitreal</i>		<i>Intravitreuse</i>
		<i>IR</i>		<i>Irrigation</i>		<i>Irrigation</i>

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<i>CO</i>			<i>Multiple (combination of more than one route of administration)</i>	<i>Multiples (combinaison de plusieurs voies d'administration)</i>
		<i>NA</i>			<i>Nasal</i>	<i>Nasale</i>
		<i>XX</i>			<i>Not Assigned</i>	
		<i>OP</i>			<i>Ophthalmic</i>	<i>Ophthalmique</i>
		<i>OR</i>			<i>Oral</i>	<i>Orale</i>
		<i>OT</i>			<i>Otic</i>	<i>Otique</i>
		<i>PA</i>			<i>Parenteral Unspecified</i>	<i>Parentérale (non spécifié)</i>
		<i>RE</i>			<i>Rectal</i>	<i>Rectale</i>
		<i>RT</i>			<i>Retrobulbar</i>	<i>Rétrobulbaire</i>
		<i>SB</i>			<i>Subarachnoidal</i>	<i>Sous-arachnoïdien</i>
		<i>SG</i>			<i>Subcutaneous</i>	<i>Sous-cutanée</i>
		<i>SH</i>			<i>Subgingival</i>	<i>Sous-gingivale</i>
		<i>SL</i>			<i>Sublingual</i>	<i>Sublinguale</i>
		<i>TP</i>			<i>Teat</i>	<i>Tétine</i>
		<i>TO</i>			<i>Topical</i>	<i>Topique</i>
		<i>TD</i>			<i>Transdermal</i>	<i>Transdermique</i>
		<i>UW</i>			<i>Udder</i>	<i>Lavage mammaire</i>
		<i>UR</i>			<i>Urethral</i>	<i>Urétrale</i>
		<i>VA</i>			<i>Vaginal</i>	<i>Vaginal</i>

PID05	352	<b>Description</b>	X	AN	1/80	Used
<p><b>Description:</b> A free-form description to clarify the related data elements and their content</p> <p><b>Note 1:</b> CATALOG: Field lengths may vary. Refer to the VICS Trade Item Identification and Communication Guidelines for appropriate field lengths.</p> <p>CANADIAN CATALOG: Primary product description field length is 1-30 and extended product description field length is 1-80.</p>						

PID08	1073	<b>Yes/No Condition or Response Code</b>	O	ID	1/1	Used
<p><b>Description:</b> Code indicating a Yes or No condition or response</p> <p><b>CodeList Summary</b> (Total Codes: 4, Included: 2)</p> <p><b>Code Name</b></p> <p>N No</p> <p>Y Yes</p>						

PID09	819	<b>Language Code</b>	O	ID	2/3	Used
<p><b>Description:</b> Code specifying the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)</p>						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>Note 1:</b> See <i>External Code Source 102</i> .				
		<b>Note 2:</b> <i>EN English</i> <i>FR French</i>				

### Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.
3. C0703 - If PID07 is present, then PID03 is required.
4. C0804 - If PID08 is present, then PID04 is required.
5. C0905 - If PID09 is present, then PID05 is required.

### Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

### Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

# MEA Measurements

Pos: 0800	Max: 200
Detail - Optional	
Loop: LIN	Elements: 6

**User Option (Usage):** Used

**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights(See Figures Appendix for example of use of C001)

**Note 1:**

When MEA01 contains code BD, MEA03 will contain the value 1 to satisfy the syntax requirement and MEA04 will contain the invoicing unit of measure.

This segment may be used to specify the ordering unit of measure or the invoice unit of measure when the invoice unit of measure is different from the ordering unit of measure.

**Note 2:**

To denote the maximum number of pallets that may be safely stacked for this trade item, use the following data elements and values:

- MEA01 - value 'PA'
- MEA02 - value 'HM'
- MEA03 - numeric value
- MEA04 - value 'PL'

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MEA01	737	Measurement Reference ID Code	O	ID	2/2	Used

**Description:** Code identifying the broad category to which a measurement applies

**CodeList Summary** (Total Codes: 172, Included: 10)

**Code Name**

- AD Serving Specifications
- BD Billed Dimensions

**Note 1:**

*Invoiced unit of measure*

**Note 2:**

*Used to provide the catch weight information provided in MEA05 and MEA06*

- CT Counts
- PA Pallet Dimensions
- PD Physical Dimensions
- PS Product Characteristic Specification
- SI Selling Dimensions

**Note 1:**

*To express count measurement: ordering unit of measure.*

- TE Temperature
- TI Time
- VI Vitamin

MEA02	738	Measurement Qualifier	O	ID	1/3	Used
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**Description:** Code identifying a specific product or process characteristic to which a measurement applies

**CodeList Summary** (Total Codes: 1267, Included: 56)**Code Name**

AO	Alcohol
	<b>Description:</b> <i>Content of Alcohol in grams for the product based on the serving size provided</i>
	<b>Note 1:</b> <i>Used to provide the catch weight information provided in MEA05 and MEA06</i>
AR	Beta Carotene
	<b>Description:</b> <i>The vitamin Beta Carotene in the product based on the nutritional serving size provided</i>
B7	Biotin
	<b>Description:</b> <i>The mineral Biotin in the product based on the nutritional serving size provided</i>
B8	Carbohydrates
	<b>Description:</b> <i>Carbohydrates in the product based on the nutritional serving size provided</i>
B9	Cholesterol
	<b>Description:</b> <i>Cholesterol in the product based on the nutritional serving size provided</i>
BI	Edible
	<b>Description:</b> <i>Indicates what % of the product is edible. The serving size is based on the edible portion of food and not on inedible components, e.g. bone, seed, shell, etc.</i>
BM	Energy
	<b>Description:</b> <i>Energy in kilojoules for the product based on the nutritional serving size provided</i>
BS	Folate
	<b>Description:</b> <i>Folate in the product based on the nutritional serving size provided</i>
BY	Monounsaturated Fat
	<b>Description:</b> <i>Monounsaturated Fat in the product based on the nutritional serving size provided</i>
BZ	Niacin-B3
	<b>Description:</b> <i>The vitamin Niacin B3 milligrams for the product based on the nutritional serving size provided</i>
C5	Omega 3 Fatty Acids
	<b>Description:</b> <i>The Omega 3 Fatty Acids in grams for the product based on the nutritional serving size provided</i>
C6	Omega 6 Fatty Acids
	<b>Description:</b> <i>The Omega 6 Fatty Acids in grams for the product based on the nutritional serving size provided</i>
C7	Organic Acids
	<b>Description:</b> <i>The content of Organic Acids in milligrams for the product based on the nutritional serving size provided</i>
C8	Pantothenic Acid
	<b>Description:</b> <i>Pantothenic Acid in the product based on the nutritional serving size provided</i>
C9	Polyunsaturated Fat
	<b>Description:</b> <i>Polyunsaturated Fat in the product based on the nutritional serving size provided</i>



<b>Code</b>	<b>Name</b>
CB	Protein <b>Description:</b> <i>Protein in grams for the product based on the nutritional serving size provided</i>
CV	Riboflavin-B2 <b>Description:</b> <i>The vitamin Riboflavin in the product based on the nutritional serving size provided</i>
CZ	Saturated Fat <b>Description:</b> <i>Saturated Fat in the product based on the nutritional serving size provided</i>
D6	Horizontal
D8	Vertical
DP	Depth
DQ	Soluble Fibre <b>Description:</b> <i>Soluble Fibre in the product based on the nutritional serving size provided</i>
DV	Starch <b>Description:</b> <i>Total Starch in the product based on the nutritional serving size provided</i>
DX	Sugar <b>Description:</b> <i>Total Sugar in the product based on the nutritional serving size provided</i>
E2	Thiamin-B1 <b>Description:</b> <i>The vitamin Thiamin in the product based on the nutritional serving size provided</i>
E3	Total Dietary Fibre <b>Description:</b> <i>Total dietary fibre in the product based on the nutritional serving size provided</i>
E4	Total Fat <b>Description:</b> <i>Total Fat in the product based on the nutritional serving size provided</i>
E5	Transfatty Acids <b>Description:</b> <i>Transfatty Acids in the product based on the nutritional serving size provided</i>
F0	Fat
FP	Flashpoint
HM	Height, Maximum
HT	Height
IV	Iodine
MX	Maximum
NH	Number of Items per Package Label
NK	Nesting Factor
PE	Potassium
SD	Strength
SX	Sodium
UG	Usage
	<b>Note 1:</b> <i>Used to identify the recommended number of uses</i>
VA	Vitamin A <b>Description:</b> <i>Vitamin A in the product based on the nutritional serving size</i>

**Code Name**

*provided*

WD Width

YB Yield

**Note 1:**

*Foodservice use as Finish Yield*

ZP Phosphorous

ASH Ash

**Description:** *The inorganic component of product*

COT Content

**Description:** *The amount of specified material contained*

**Note 1:**

*Serving weight or quantity*

EPL Expected Product Life

HOC Heat of Combustion

NNW Net Net Weight

**Description:** *The weight of an item exclusive of the weight of any shipping packaging and of any additional packaging or attachments such as cellophane wrapping or hangers*

SHA Shelf Life

TCR Temperature Control Range

TES Storage Temperature

ZCA Calcium

ZCU Copper

ZFE Iron

ZMG Magnesium

MEA03	739	<b>Measurement Value</b>	X	R	1/20	Used
-------	-----	--------------------------	---	---	------	------

**Description:** The value of the measurement

MEA04	C001	<b>Composite Unit of Measure</b>	X	Comp		Used
-------	------	----------------------------------	---	------	--	------

**Description:** To identify a composite unit of measure(See Figures Appendix for examples of use)

**Comments:**

1. If C001-02 is not used, its value is to be interpreted as 1.
2. If C001-03 is not used, its value is to be interpreted as 1.
3. If C001-05 is not used, its value is to be interpreted as 1.
4. If C001-06 is not used, its value is to be interpreted as 1.
5. If C001-08 is not used, its value is to be interpreted as 1.
6. If C001-09 is not used, its value is to be interpreted as 1.
7. If C001-11 is not used, its value is to be interpreted as 1.
8. If C001-12 is not used, its value is to be interpreted as 1.
9. If C001-14 is not used, its value is to be interpreted as 1.
10. If C001-15 is not used, its value is to be interpreted as 1.

MEA04-01	355	<b>Unit or Basis for Measurement Code</b>	M	ID	2/2	Must use
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**Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

**CodeList Summary** (Total Codes: 905, Included: 168)**Code Name**

12	Packet
15	Stick
1N	Count
1S	Millimole
	<b>Description:</b> <i>Millimole is 1/1000 part of a mole (measure of the concentration of a solute)</i>
26	Actual Tons
2W	Bin
	<b>Description:</b> <i>Storage container used as a unit of measurement</i>
42	Centesimal Hahnemannian Dilution (CH)
	<b>Description:</b> <i>Centesimal Hahnemannian Scale Attenuation - One milliliter (1.0 ml) of the first centesimal liquid attenuation (1C), or one gram (1.0 g) of the first centesimal trituration (1C) represents 0.01 gram (10.0 mg) of the dry crude medicinal substance</i>
49	Decimal Hahnemannian Dilution (DH)
	<b>Description:</b> <i>Decimal Scale of Attenuation - One gram (1.0 g) of tincture, one milliliter of 1X aqueous solution, or one gram (1.0 g) of 1X trituration represents 0.10 gram of dry crude medicinal substance</i>
50	Actual Kilograms
55	Korsakovian (K)
	<b>Description:</b> <i>Centesimal Korsakovian Scale of Attenuation - One milliliter (1.0 ml) of the first centesimal liquid attenuation (1C), or one gram (1.0 g) of the first centesimal trituration (1C). represents 0.01 gram (10.0 mg) of the dry crude medicinal substance</i>
75	Fifty Millesimal (LM)
	<b>Description:</b> <i>Fifty Millesimal Scale of Attenuation - One milliliter (1.0 ml) of the first fifty millesimal attenuation</i>
AF	Centigram
	<b>Description:</b> <i>A unit of metric weight equal to 0.01 gram or 0.000035 ounce</i>
AM	Ampoule
AR	Suppository
AS	Assortment
AV	Capsule
	<b>Description:</b> <i>A compact metallic or plastic container for liquids or solids</i>
AZ	British Thermal Units (BTUs) per Pound
BA	Bale
BF	Board Feet
BG	Bag
BK	Book
BO	Bottle
BP	100 Board Feet
BR	Barrel
BX	Box
C3	Centiliter
CA	Case
CC	Cubic Centimeter
CE	Centigrade, Celsius

**Code Name****Note 1:***Degrees*

CF	Cubic Feet
CH	Container
CI	Cubic Inches
CM	Centimeter
CN	Can
CR	Cubic Meter
CT	Carton
CW	Hundred Pounds (CWT)
CX	Coil
CY	Cubic Yard
D1	Dollars, Canadian
DA	Days
DC	Disk (Disc)
DD	Degree
DG	Decigram
DL	Deciliter
DM	Decimeter
DO	Dollars, U.S.
DR	Drum
DS	Display
DZ	Dozen
EA	Each
EP	Eleven pack
F2	International Unit

**Description:** *A unit accepted by an international agency; potency of a drug/vitamin based on a specific weight of that drug/vitamin*

FA	Fahrenheit
----	------------

**Note 1:***Degrees*

FG	Transdermal Patch
----	-------------------

**Description:** *A drug delivery system which is placed on the skin and releases a drug at a constant rate through the skin*

FO	Fluid Ounce
FT	Foot

**Note 1:***Feet*

FZ	Fluid Ounce (Imperial)
----	------------------------

**Description:** *A liquid unit of measure equal to 1/20 (.05) pint (Imperial), 28.416 cubic centimeters, or 28.416 milliliters*

GA	Gallon
GN	Gross Gallons
GR	Gram
GS	Gross
H3	18-Pack
H5	22-Pack

**Code Name**

H6	30-Pack
H7	38-Pack
H8	62-Pack
H9	75-Pack
HC	Hundred Count
HL	Hundred Feet - Linear
HR	Hours
HS	Hundred Square Feet
IH	Inhaler
	<b>Description:</b> <i>Metered-dose pressurized method of getting medication into the lungs or nasal passages</i>
IN	Inch
J1	80-Pack
J3	81-Pack
J4	82-Pack
J5	84-Pack
J6	85-Pack
J7	96-Pack
J8	5000-Pack
J9	Left Unit
JC	Caplet
	<b>Description:</b> <i>To denote items in caplet form</i>
JL	Refill
	<b>Description:</b> <i>Refers to the number of refill units in a package</i>
JN	Pan
	<b>Description:</b> <i>Refers to items in a pan (such as eye shadow) and would be associated with the number of different colors</i>
JP	Prepack
	<b>Description:</b> <i>To indicate this is "n" assortment product with different UPC codes on it</i>
JS	Use
	<b>Description:</b> <i>Refers to the number of uses from a product (such as a box of laundry detergent that provides sixty washes)</i>
JT	Tin
	<b>Description:</b> <i>Refers to giftware products in a tin</i>
JV	Ovule
	<b>Description:</b> <i>Refers to products which come in "ovule" form</i>
JX	Exposure
	<b>Description:</b> <i>To be used to indicate the number of exposures on a roll of film</i>
KE	Keg
	<b>Description:</b> <i>A unit of weight equal to 100 pounds, used for nails</i>
KG	Kilogram
KT	Kit
L1	Right Unit
LB	Pound
LF	Linear Foot

**Note 1:**

**Code Name***Running Feet*LT Liter  
LY Linear Yard**Note 1:***Running Yard*M4 Monetary Value  
MC Microgram  
ME Milligram  
MJ Minutes  
ML Milliliter  
MM Millimeter  
MO Months  
MR Meter  
NG Net Gallons  
OP Two pack  
OZ Ounce - Av  
P1 Percent  
P3 Three pack  
P4 Four-pack  
P5 Five-pack  
P6 Six pack  
P7 Seven pack  
P8 Eight-pack  
P9 Nine pack  
PC Piece  
PD Pad  
PF Pallet (Lift)  
PH Pack (PAK)  
PK Package  
PL Pallet/Unit Load  
PR Pair  
PT Pint  
QB Pages - Hardcopy  
**Description:** *Number of printed pages delivered*  
QT Quart  
R4 Calorie  
**Description:** *The amount of heat it takes to raise the temperature of one gram of water one degree Centigrade at a pressure of one atmosphere*  
RL Roll  
S9 Slip Sheet  
**Description:** *A cardboard platform used for holding product for storage or transportation*  
SH Sheet  
ST Set  
SX Shipment  
SY Square Yard  
SZ Syringe



<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MEA06	741	<b>Range Maximum</b>	X	R	1/20	Used

**Description:** The value specifying the maximum of the measurement range

### Syntax Rules:

1. R03050608 - At least one of MEA03, MEA05, MEA06 or MEA08 is required.
2. E0412 - Only one of MEA04 or MEA12 may be present.
3. L050412 - If MEA05 is present, then at least one of MEA04 or MEA12 is required.
4. L060412 - If MEA06 is present, then at least one of MEA04 or MEA12 is required.
5. L07030506 - If MEA07 is present, then at least one of MEA03, MEA05 or MEA06 is required.
6. E0803 - Only one of MEA08 or MEA03 may be present.
7. P1112 - If either MEA11 or MEA12 is present, then the other is required.

### Semantics:

1. MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
2. MEA11 is the external code list for the unit of measure.
3. MEA12 defines the unit of measure for MEA03, MEA05, and MEA06 from an external code list.

### Comments:

1. When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.



# PKG Marking, Packaging, Loading

Pos: 0900	Max: 25
Detail - Optional	
Loop: LIN	Elements: 5

**User Option (Usage):** Used

**Purpose:** To describe marking, packaging, loading, and unloading requirements

**Note 1:**

*The codes in PKG04 are published only in this guideline.*

**Note 2:**

*To identify a trade item's Data Carrier Type Code:*

*PKG01 = 'S';*

*PKG02 = '34';*

*PKG03 = 'FD'*

*PKG04 = Data Carrier Type Code; select a value from the provided code list.*

*Part 1 code = 'M'*

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PKG01	349	Item Description Type Code	X	ID	1/1	Must use

**Description:** Code indicating the format of a description

**CodeList Summary** (Total Codes: 3, Included: 3)

**Code Name**

F Free-form

**Note 1:**

*Used only by the alcohol beverage industry*

*The description will be found in PKG05.*

S Structured (From Industry Code List)

**Note 1:**

*The description will be found in PKG04.*

X Semi-structured (Code and Text)

PKG02	753	Packaging Characteristic Code	O	ID	1/5	Used
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**Description:** Code specifying the marking, packaging, loading and related characteristics being described

**CodeList Summary** (Total Codes: 47, Included: 8)

**Code Name**

13 Secondary Marking

**Note 1:**

*Used to denote markings on a product other than data carrier [for data carrier use code 34 Product Marking].*

*Example - PKG04, Part 2:*

*ET - Best Before Date*

*EU - Packaging Date*

*EV - Production Date*

*EW - No Date Marking*

*EX - Expiry Date*

34 Product Marking

**Code Name**

**Note 1:**

*includes EPC/RFID, bar codes and Data Matrix*

35 Type of Package

**Note 1:**

*Used to qualify the type of packaging, e.g., regular, gift box, co-pack/combo, wine racked, carrier tray, sleeve, value-added, display, onpack, etc.*

36 Package Specifications

45 Unloading Equipment

61 Product Marking Location

PK Packing

**Note 1:**

*See External Code Source 197 in Section III for reference document.*

PN Promotional Marking

**Note 1:**

*Examples of promotional marking are Christmas, Father's Day, Halloween, etc.*

PKG03 559 **Agency Qualifier Code** X ID 2/2 Used

**Description:** Code identifying the agency assigning the code values

**CodeList Summary** (Total Codes: 196, Included: 2)

**Code Name**

FD GS1 US, Inc.

**Note 1:**

*GS1 US*

VI Voluntary Inter-Industry Commerce Standard (VICS) EDI

**Note 1:**

*See External Code Source 70 in Section III for reference document.*

PKG04 754 **Packaging Description Code** X AN 1/7 Used

**Description:** A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product

**Note 1:** *The codes in this data element are VICS EDI maintained.*

*This is a 2-part code, 3 characters long:*

*Part 1 - one letter*

*Part 2 - 2 digits*

*Select one code from each of Part 1 and Part 2:*

*Part 1: Container, Equipment Type, or Marking (Position 1)*

*Part 2: Container, Packing Configuration, or Marking (Position 2-3)*

**Note 2:** *Implementation Guidelines for Data Carrier Type Codes 20-36, D1, E1, G1-G3, H1-H3, J1-J3, K1-K3:*

*1. GS1 DataBar codes 27-33 and "K"codes are mutually exclusive; either one of the GS1 DataBar codes or one of the "K"codes may be used when identifying a product's data carrier type."*

*2. Code "E1"and the "J" codes are mutually exclusive; either "E1" or one of the "J" codes may be used when identifying a product's data carrier type.*

*3. An "H" code may only be used with codes "E1", "D1", and the "J" codes.*

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		4. The Composite codes are only valid when used with another appropriate bar code type.				
		5. "G" codes are not part of the GS1 standard.				
		<b>CodeList Summary</b> (Total Codes: 5, Included: 2)				
		<b><u>Code</u></b>	<b><u>Name</u></b>			
		E	Equipment			
		M	Marking			
		<b>CodeList Summary</b> (Total Codes: 64, Included: 64)				
		<b><u>Code</u></b>	<b><u>Name</u></b>			
		01	Carton			
		<b>Note 1:</b>				
		<i>No data carrier (no markings on product, such as barcode or RFID/EPC)</i>				
		02	Carton, Hanging Garments			
		03	Carton, With Hangers (Not Hanging)			
		04	Carton, With Identifiable Inner Packs			
		05	Carton, With Unidentifiable Inner Packs			
		06	Rack, Hanging Garments (GOH)			
		20	Composite Component A			
		21	Composite Component B			
		22	Composite Component C			
		23	EAN-8 Symbol			
		24	EAN-13 Symbol			
		25	GTIN-14 Symbol			
		<b>Note 1:</b>				
		<i>Non-specified symbology.</i>				
		26	ITF-14 Symbol			
		27	GS1 Databar			
		28	GS1 DataBar Stacked			
		29	GS1 DataBar Stacked Omni-directional			
		30	GS1 DataBar Truncated			
		31	GS1 DataBar Expanded			
		32	GS1 DataBar Expanded Stacked			
		33	GS1 DataBar Limited			
		34	UPC-A Symbol			
		35	UPC-E Symbol			
		<b>Note 1:</b>				
		<i>8 digit format</i>				
		36	GS1-128 Symbol			
		40	Front			
		41	Back			
		42	Top			
		43	Bottom			
		44	Left Side			
		45	Right Side			
		CL	Clamp			
		D1	DataMatrix			

**Code Name**

- E1 EPC
- ES Electronic Article Security (EAS)
- ET No Date Marking

**Note 1:**  
*No date marking on the item.*

- EU Best Before Date

**Note 1:**  
*Date indicates the ideal consumption or best effective use date for a product.*

- EV Packaging Date

**Note 1:**  
*The date the goods were packed.*

- EW Production Date

**Note 1:**  
*The production or assembly date.*

- EX Expiry Date
- FF Folded Flat
- FL Forklift
- G1 Code 39
- G2 ITF
- G3 Code 128
- H1 Barcode Capable
- H2 Barcode Always
- H3 Barcode Never
- HF On Hangers, Folded Flat
- J1 EPC Capable
- J2 EPC Always
- J3 EPC Never
- K1 GS1 DataBar Capable
- K2 GS1 DataBar Always
- K3 GS1 DataBar Never
- KD Knocked Down
- KF Knocked Down Flat
- LP Latex in Packaging
- LT Lot Number
- NM Not Marked

**Note 1:**  
*No data carrier marking on the product (no barcode, no RFID/EPC tag, etc.)*

- NN Not Nested
- NS Nested
- RF RFID

**Note 1:**  
*RFID tagged product but not using EPC structure*

- RI Re-shippable Inner Pack
- RL Roll
- SU Set Up

PKG05	352	<b>Description</b>	X	AN	1/80	Used
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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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**Description:** A free-form description to clarify the related data elements and their content

**Note 1:** *Used by the alcohol beverage industry and Canada. Also used by the Hardlines sector to indicate where the EAS Tag is located on the trade item.*

### Syntax Rules:

1. R040506 - At least one of PKG04, PKG05 or PKG06 is required.
2. C0403 - If PKG04 is present, then PKG03 is required.
3. C0501 - If PKG05 is present, then PKG01 is required.

### Semantics:

1. PKG04 should be used for industry-specific packaging description codes.

### Comments:

1. Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
2. If PKG01 equals "F", then PKG05 is used. If PKG01 equals "S", then PKG04 is used. If PKG01 equals "X", then both PKG04 and PKG05 are used.
3. Use PKG03 to indicate the organization that publishes the code list being referred to.
4. Special marking or tagging data can be given in PKG05 (description).

# TD4 Carrier Details (Special Handling, or Hazardous Materials, or Both)

Pos: 1100	Max: >1
Detail - Optional	
Loop: LIN	Elements: 4

**User Option (Usage):** Used

**Purpose:** To specify transportation special handling requirements, or hazardous materials information, or both

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TD401	152	<b>Special Handling Code</b>	X	ID	2/3	Used

**Description:** Code specifying special transportation handling instructions

**CodeList Summary** (Total Codes: 580, Included: 14)

**Code Name**

AH Humidity Sensitive Shipment

**Note 1:**  
*Replaces ZZZ - Relative Humidity*

DA Dangerous

EL Environmental Control Limits

**Description:** *The items contained in the shipment are subject to environmental controls whose limits are specified in the contract*

FL Flammable

FR Fragile - Handle with Care

HM Endorsed as Hazardous Material

IC Ice

PG Poisonous Gas

DNF Do Not Freeze

**Description:** *Specifies that the temperature of a shipment must not go below the freezing point during transit*

HAZ Hazardous Cargo

MRF Refrigerated

OPR Perishable

OTC Temperature Control

PFH Protect From Heat

TD402	208	<b>Hazardous Material Code Qualifier</b>	X	ID	1/1	Used
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**Description:** Code identifying the source of the Hazardous Material Class Code (209)

**CodeList Summary** (Total Codes: 14, Included: 3)

**Code Name**

B Uniform Fire Code (UFC)

**Note 1:**  
*See External Code Source 707 in Section III for reference document.*

D Hazardous Materials ID, DOT

**Note 1:**  
*See External Code Source 52*

**Code Name**

E Endorsement

**Note 1:**

*TEMPORARY - USE for WHMIS Classification System (new code "W" requested)*

TD403 209 **Hazardous Material Class Code** X AN 1/4 Used

**Description:** Code specifying the kind of hazard for a material

**Note 1:**

*Use when TD402 = E Endorsement*

*Select from WHMIS Classification Code List:*

<u>Code</u>	<u>WHMIS CLASS</u>
A	A
B	B
C	C
D1	D1
D2	D2
D3	D3
E	E
F	F

TD404 352 **Description** X AN 1/80 Used

**Description:** A free-form description to clarify the related data elements and their content

**Syntax Rules:**

1. R010204 - At least one of TD401, TD402 or TD404 is required.
2. C0203 - If TD402 is present, then TD403 is required.

**Semantics:**

1. TD405 identifies if a Material Safety Data Sheet (MSDS) exists for this product. A "Y" indicates an MSDS exists for this product; an "N" indicates an MSDS does not exist for this product.

# LDT Lead Time

Pos: 1400      Max: 1  
 Detail - Optional  
 Loop: LIN      Elements: 3

**User Option (Usage):** Used

**Purpose:** To specify lead time for availability of products and services

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LDT01	345	<b>Lead Time Code</b>	M	ID	2/2	Must use
<b>Description:</b> Code indicating the time range						
<b>CodeList Summary</b> (Total Codes: 33, Included: 2)						
<u>Code</u> <u>Name</u>						
AE From date of PO receipt to shipment						
AF From date of PO receipt to delivery						
LDT02	380	<b>Quantity</b>	M	R	1/15	Must use
<b>Description:</b> Numeric value of quantity						
LDT03	344	<b>Unit of Time Period or Interval Code</b>	M	ID	2/2	Must use
<b>Description:</b> Code indicating the time period or interval						
<b>CodeList Summary</b> (Total Codes: 60, Included: 2)						
<u>Code</u> <u>Name</u>						
DA Calendar Days						
DW Work Days						

## Semantics:

1. LDT04 is the effective date of lead time information.

## Comments:

1. LDT02 is the quantity of unit of time periods.



# TC2 Commodity

Pos: 1650	Max: 2
Detail - Optional	
Loop: LIN	Elements: 2

**User Option (Usage):** Used

**Purpose:** To identify a commodity or a group of commodities or a tariff page commodity

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TC201	23	<b>Commodity Code Qualifier</b>	M	ID	1/1	Must use

**Description:** Code identifying the commodity coding system used for Commodity Code

**CodeList Summary** (Total Codes: 34, Included: 5)

**Code Name**

- 1 Global Product Classification Code (GPC)
- 7 International Foodservice Distributors Association (IFDA)
- A Harmonized Tariff Schedule of the United States Annotated

**Description:** *Classification of imported merchandise for rate of duty and statistical purposes*

**Note 1:**

*See External Code Source 6 in Section III for reference document.*

- N National Motor Freight Classification (NMFC)

**Note 1:**

*See External Code Source 11 in Section III for reference document.*

- T Standard Transportation Commodity Code (STCC)

**Note 1:**

*See External Code Source 13 in Section III for reference document.*

TC202	22	<b>Commodity Code</b>	M	AN	1/30	Must use
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**Description:** Code describing a commodity or group of commodities

**Note 1:** *See External Code Source 11 in Section III for reference document.*

# MTX Text

Pos: 1670	Max: >1
Detail - Optional	
Loop: LIN	Elements: 4

**User Option (Usage):** Used

**Purpose:** To specify textual data

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MTX01	363	<b>Note Reference Code</b>	O	ID	3/3	Used

**Description:** Code identifying the functional area or purpose for which the note applies

**CodeList Summary** (Total Codes: 368, Included: 2)

**Code Name**

EBC Description of Goods and Services

**Note 1:**

*The Product Description*

MKN Marketing Notes

MTX02	1551	<b>Textual Data</b>	X	AN	1/4096	Used
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**Description:** To transmit large volumes of message text

MTX03	1551	<b>Textual Data</b>	O	AN	1/4096	Used
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**Description:** To transmit large volumes of message text

MTX06	819	<b>Language Code</b>	O	ID	2/3	Used
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**Description:** Code specifying the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)

**Note 1:**

*EN English*

*FR French*

## Syntax Rules:

1. C0102 - If MTX01 is present, then MTX02 is required.
2. C0302 - If MTX03 is present, then MTX02 is required.
3. C0504 - If MTX05 is present, then MTX04 is required.

## Semantics:

1. MTX05 is the number of lines to advance before printing.

## Comments:

1. If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.

# G55 Item Characteristics - Consumer Unit

Pos: 1680	Max: 1
Detail - Optional	
Loop: LIN	Elements: 28

**User Option (Usage):** Used

**Purpose:** To provide physical characteristics relative to a consumer unit

**Note 1:**

*This segment shall only provide the physical characteristics relative to a consumer selling unit.*

*When changing a (UP) GTIN UCC-12 , the new code is identified in LIN02/LIN03 and G5501/G5502 and the replaced (UP) GTIN UCC-12 is indicated in G5529/G5530.*

*The dimensions of the consumer unit may be specified by using G5505 through G5510.*

*G5506, G5508 and G5510 must be in the same unit or basis for measurement code.*

*This segment is used to specify the packaging of the item in the case or carton. There may be two levels of packaging specified. The first level is always specified by using G5513 (Pack).*

*The first level may be actual items, e.g., consumer units, or it may be the number of smaller containers within the case. The second level, specified using G5532 (Inner Pack), is the number of eaches in each inner container when G5513 is the number of smaller containers within the case. See Section V - EDI Conventions (Pack/Inner Pack Usage) for usage examples.*

*G5514 and G5515 should be used only if different from G3918 and G3919.*

*This segment may be used to specify the weight of the consumer unit by using G5523, G5524, and G5525. The volume (cube) of the consumer unit may be specified by using G5511 and G5512.*

*This segment can be used also to specify the type of packaging for the consumer unit by using G5533.*

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G5501	235	Product/Service ID Qualifier	M	ID	2/2	Must use

**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**CodeList Summary** (Total Codes: 546, Included: 5)

**Code Name**

CA Case

EN GTIN-13

**Description:** A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

EO GTIN-8

**Description:** An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items

UK GTIN-14

**Description:** A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

UP GTIN-12

**Description:** A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items

G5502	234	<b>Product/Service ID</b>	M	AN	1/80	Must use
		<b>Description:</b> Identifying number for a product or service				
G5505	65	<b>Height</b>	X	R	1/8	Used
		<b>Description:</b> Vertical dimension of an object measured when the object is in the upright position				
		<b>Note 1:</b> When communicating the data measurements for height, width and item depth, follow the GS1 Package Measurement Rules to correctly determine the height, width and depth measurements.				
		See Code Source 41.				
G5506	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		<b>CodeList Summary</b> (Total Codes: 905, Included: 4)				
		<b>Code Name</b>				
		CM	Centimeter			
		DM	Decimeter			
		MM	Millimeter			
		MR	Meter			
G5507	189	<b>Width</b>	X	R	1/8	Used
		<b>Description:</b> Shorter measurement of the two horizontal dimensions measured with the object in the upright position				
		<b>Note 1:</b> When communicating the data measurements for height, width and item depth, follow the GS1 Package Measurement Rules to correctly determine the height, width and depth measurements.				
		See Code Source 41.				
G5508	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		<b>CodeList Summary</b> (Total Codes: 905, Included: 4)				
		<b>Code Name</b>				
		CM	Centimeter			
		DM	Decimeter			
		MM	Millimeter			
		MR	Meter			
G5509	82	<b>Length</b>	X	R	1/8	Used
		<b>Description:</b> Largest horizontal dimension of an object measured when the object is in the upright position				
		<b>Note 1:</b> For GS1, length corresponds to depth. When communicating the data measurements for height, width and item depth, follow the GS1 Package Measurement Rules to correctly determine the height, width and depth measurements.				
		See Code Source 41.				
G5510	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<p><b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</p> <p><b>CodeList Summary</b> (Total Codes: 905, Included: 4)</p> <p><b>Code Name</b></p> <p>CM Centimeter DM Decimeter MM Millimeter MR Meter</p>				
G5511	183	<b>Volume</b>	X	R	1/8	Used
		<p><b>Description:</b> Value of volumetric measure</p> <p><b>Note 1:</b> <i>The cube of an item.</i></p>				
G5512	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
		<p><b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</p> <p><b>CodeList Summary</b> (Total Codes: 905, Included: 2)</p> <p><b>Code Name</b></p> <p>CC Cubic Centimeter CR Cubic Meter</p>				
G5513	356	<b>Pack</b>	O	N0	1/6	Used
		<p><b>Description:</b> The number of inner containers, or number of eaches if there are no inner containers, per outer container</p>				
G5514	357	<b>Size</b>	X	R	1/8	Used
		<p><b>Description:</b> Size of supplier units in pack</p>				
G5515	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
		<p><b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</p> <p><b>CodeList Summary</b> (Total Codes: 905, Included: 160)</p> <p><b>Code Name</b></p> <p>12 Packet 15 Stick 1N Count 26 Actual Tons 2W Bin <b>Description:</b> <i>Storage container used as a unit of measurement</i> 50 Actual Kilograms AF Centigram <b>Description:</b> <i>A unit of metric weight equal to 0.01 gram or 0.000035 ounce</i> AM Ampoule AR Suppository AS Assortment AV Capsule <b>Description:</b> <i>A compact metallic or plastic container for liquids or solids</i></p>				

**Code Name**

AZ	British Thermal Units (BTUs) per Pound
BA	Bale
BF	Board Feet
BG	Bag
BK	Book
BO	Bottle
BP	100 Board Feet
BR	Barrel
BX	Box
C3	Centiliter
CA	Case
CC	Cubic Centimeter
CE	Centigrade, Celsius

**Note 1:***Degrees*

CF	Cubic Feet
CH	Container
CI	Cubic Inches
CM	Centimeter
CN	Can
CR	Cubic Meter
CT	Carton
CW	Hundred Pounds (CWT)
CX	Coil
CY	Cubic Yard
D1	Dollars, Canadian
DA	Days
DC	Disk (Disc)
DD	Degree
DG	Decigram
DL	Deciliter
DM	Decimeter
DO	Dollars, U.S.
DR	Drum
DS	Display
DZ	Dozen
EA	Each
EP	Eleven pack
F2	International Unit

**Description:** *A unit accepted by an international agency; potency of a drug/vitamin based on a specific weight of that drug/vitamin*

FA	Fahrenheit
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**Note 1:***Degrees*

FG	Transdermal Patch
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**Description:** *A drug delivery system which is placed on the skin and releases a drug at a constant rate through the skin*

**Code Name**

FO Fluid Ounce

FT Foot

**Note 1:***Feet*

FZ Fluid Ounce (Imperial)

**Description:** *A liquid unit of measure equal to 1/20 (.05) pint (Imperial), 28.416 cubic centimeters, or 28.416 milliliters*

GA Gallon

GN Gross Gallons

GR Gram

GS Gross

H3 18-Pack

H5 22-Pack

H6 30-Pack

H7 38-Pack

H8 62-Pack

H9 75-Pack

HC Hundred Count

HL Hundred Feet - Linear

HR Hours

HS Hundred Square Feet

IH Inhaler

**Description:** *Metered-dose pressurized method of getting medication into the lungs or nasal passages*

IN Inch

J1 80-Pack

J3 81-Pack

J4 82-Pack

J5 84-Pack

J6 85-Pack

J7 96-Pack

J8 5000-Pack

J9 Left Unit

JC Caplet

**Description:** *To denote items in caplet form*

JL Refill

**Description:** *Refers to the number of refill units in a package*

JN Pan

**Description:** *Refers to items in a pan (such as eye shadow) and would be associated with the number of different colors*

JP Prepack

**Description:** *To indicate this is "n" assortment product with different UPC codes on it*

JS Use

**Description:** *Refers to the number of uses from a product (such as a box of laundry detergent that provides sixty washes)*

JT Tin

<b>Code</b>	<b>Name</b>
	<b>Description:</b> <i>Refers to giftware products in a tin</i>
JV	Ovule
	<b>Description:</b> <i>Refers to products which come in "ovule" form</i>
JX	Exposure
	<b>Description:</b> <i>To be used to indicate the number of exposures on a roll of film</i>
KE	Keg
	<b>Description:</b> <i>A unit of weight equal to 100 pounds, used for nails</i>
KG	Kilogram
KT	Kit
L1	Right Unit
LB	Pound
LF	Linear Foot
	<b>Note 1:</b> <i>Running Feet</i>
LT	Liter
LY	Linear Yard
	<b>Note 1:</b> <i>Running Yard</i>
M4	Monetary Value
MC	Microgram
ME	Milligram
MJ	Minutes
ML	Milliliter
MM	Millimeter
MO	Months
MR	Meter
NG	Net Gallons
OP	Two pack
OZ	Ounce - Av
P1	Percent
P3	Three pack
P4	Four-pack
P5	Five-pack
P6	Six pack
P7	Seven pack
P8	Eight-pack
P9	Nine pack
PC	Piece
PD	Pad
PF	Pallet (Lift)
PH	Pack (PAK)
PK	Package
PL	Pallet/Unit Load
PR	Pair
PT	Pint
QB	Pages - Hardcopy



**Code Name**

	<b>Description:</b> <i>Number of printed pages delivered</i>
QT	Quart
RL	Roll
S9	Slip Sheet
	<b>Description:</b> <i>A cardboard platform used for holding product for storage or transportation</i>
SH	Sheet
ST	Set
SX	Shipment
SY	Square Yard
SZ	Syringe
	<b>Description:</b> <i>Glass or plastic barrels used to administer fluid medication under the skin, into a vein artery, or into a muscle</i>
TB	Tube
TC	Truckload
TE	Tote
TH	Thousand
TK	Tank
TM	Thousand Feet (Board)
TP	Ten-pack
TS	Thousand Square Feet
U2	Tablet
	<b>Description:</b> <i>A compressed or molded block of solid material; a collection of sheet paper glued together at one edge</i>
UN	Unit
V2	Pouch
VI	Vial
WG	Wine Gallon
Y4	Tub
	<b>Description:</b> <i>A measure used to identify a storage container</i>
YD	Yard
YR	Years
Z7	13-pack Marketing
Z9	14-pack Marketing
ZF	16-pack Marketing
ZG	48-pack Component Parts
ZH	51-pack Component Parts
ZI	52-pack Component Parts
ZJ	60-pack Gift Packs
ZK	72-pack Gift Packs
ZL	83-pack Gift Packs
ZM	10-pack Marketing
ZN	120-pack Promotional
ZO	150-pack Component Parts
ZQ	200-pack Component Parts
ZR	1000-pack Component Parts
ZS	15-Pack

G5516	878	<b>Cash Register Item Description</b>	O	AN	1/20	Used
		<b>Description:</b> The cash register description of an item				
		<b>Note 1:</b> <i>In Canada, this is the English cash register description.</i>				
G5517	878	<b>Cash Register Item Description</b>	O	AN	1/20	Used
		<b>Description:</b> The cash register description of an item				
		<b>Note 1:</b> <i>In Canada, this is the French cash register description.</i>				
G5518	879	<b>Coupon Family Code</b>	O	AN	3/3	Used
		<b>Description:</b> A code assigned by the vendor to a single item or to families of consumer items that can be used by in-store scanners in conjunction with a UPC coupon value code for instant credit when the proper item has been purchased				
G5519	880	<b>Dated Product Number of Days</b>	O	N0	1/4	Used
		<b>Description:</b> Used to designate the number of days open dated product must 'sell by' from date of manufacture				
G5521	1073	<b>Yes/No Condition or Response Code</b>	O	ID	1/1	Used
		<b>Description:</b> Code indicating a Yes or No condition or response				
		<b>CodeList Summary</b> (Total Codes: 4, Included: 2)				
		<b>Code Name</b>				
		N	No			
		Y	Yes			
G5523	395	<b>Unit Weight</b>	X	R	1/8	Used
		<b>Description:</b> Numeric value of weight per unit				
		<b>Note 1:</b> <i>The weight of an item.</i>				
G5524	187	<b>Weight Qualifier</b>	X	ID	1/2	Used
		<b>Description:</b> Code specifying the type of weight				
		<b>CodeList Summary</b> (Total Codes: 53, Included: 1)				
		<b>Code Name</b>				
		G	Gross Weight			
G5525	188	<b>Weight Unit Code</b>	X	ID	1/1	Used
		<b>Description:</b> Code specifying the weight unit				
		<b>CodeList Summary</b> (Total Codes: 8, Included: 4)				
		<b>Code Name</b>				
		G	Grams			
		K	Kilograms			
		L	Pounds			
		O	Ounces			
G5526	395	<b>Unit Weight</b>	X	R	1/8	Used
		<b>Description:</b> Numeric value of weight per unit				
G5527	187	<b>Weight Qualifier</b>	X	ID	1/2	Used
		<b>Description:</b> Code specifying the type of weight				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>CodeList Summary</b> (Total Codes: 53, Included: 5)				
		<b>Code Name</b>				
		B				Billed Weight
		<b>Note 1:</b> <i>Used only by the grocery industry</i>				
		N				Actual Net Weight
		T				Tare Weight
		<b>Note 1:</b> <i>Weight of the casing</i> <i>Used only by the Canadian grocery industry.</i>				
		A3				Shippers Weight
		DR				Drained Weight
		<b>Note 1:</b> <i>Used only by the grocery industry</i>				
G5528	188	<b>Weight Unit Code</b>	X	ID	1/1	Used
		<b>Description:</b> Code specifying the weight unit				
		<b>CodeList Summary</b> (Total Codes: 8, Included: 4)				
		<b>Code Name</b>				
		G				Grams
		K				Kilograms
		L				Pounds
		O				Ounces
G5529	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<b>CodeList Summary</b> (Total Codes: 546, Included: 5)				
		<b>Code Name</b>				
		CA				Case
		EN				GTIN-13
		<b>Description:</b> <i>A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items</i>				
		EO				GTIN-8
		<b>Description:</b> <i>An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items</i>				
		UK				GTIN-14
		<b>Description:</b> <i>A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items</i>				
		UP				GTIN-12
		<b>Description:</b> <i>A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items</i>				
G5530	234	<b>Product/Service ID</b>	X	AN	1/80	Used
		<b>Description:</b> Identifying number for a product or service				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G5532	810	<b>Inner Pack</b>	O	NO	1/6	Used

**Description:** The number of eaches per inner container

G5533	103	<b>Packaging Code</b>	O	AN	3/5	Used
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**Description:** Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required

**CodeList Summary** (Total Codes: 157, Included: 46)

**Code Name**

AMM Ammo Pack  
 BAG Bag  
 BAL Bale  
 BBL Barrel  
 BDL Bundle  
 BEM Beam  
 BLK Bulk  
 BOT Bottle  
 BOX Box

**Note 1:**

*Box or carton*

BRK Brick Pack

**Description:** A closed flat top container may form spout or has recloseable cap on side, or has straw and hole system

CAN Can

CAS Case

CHE Cheeses

COL Coil

CRT Crate

CTN Carton

CYL Cylinder

DRM Drum

EGG Egg Crating

**Description:** In containers and shipping devices, usually describes a type of interior dunnage which allows the contents to be individually segregated, horizontally and vertically, to provide protection during transportation and storage

EPR Edge Protection

**Description:** A right-angle piece placed over the outermost perimeter edges of a container to distribute pressure and prevent collapse or cutting from banding, strapping, or handling

**Note 1:**

*A right-angle piece placed over the outermost perimeter edges of a container to distribute pressure and prevent collapse or cutting from banding, strapping, or handling*

GAB Gable Top

**Description:** An "A" shaped top container may form spout or has recloseable cap on side, or has straw and hole system

JAR Jar

JUG Jug

**Code Name**

KEG Keg  
LNR Liners

**Description:** Any material that separates a product within a container from the basic walls of the container

LSE Loose  
PAL Pail  
PKG Package

**Note 1:**  
Package, card, or blister card

PLT Pallet  
POU Pouch  
PWT Plastic-Wrapped Tray  
REL Reel  
ROL Roll  
SAH Sachet  
SHA Shaker  
SPL Spool  
SRW Shrink Wrap

**Description:** In packaging, a method of securing a unit load by placing a large "bag" of plastic film over the components and applying heat to induce shrinkage and cause the bag to tighten around the contents

SSC Single Serving Cup  
STW Stretch Wrap

**Description:** In packaging, a high-tensile plastic film, stretched and wrapped repeatedly around a unitized load to secure and maintain unit integrity

TBE Tube  
TBN Tote Bin  
TNK Tank  
TRY Tray  
TUB Tub  
WLC Wheeled Carrier  
WRP Wrapped

**CodeList Summary** (Total Codes: 58, Included: 19)

**Code Name**

01 Aluminum  
25 Corrugated or Solid

**Note 1:**  
Corrugated or solid packaging does not require repackaging for shipment

31 Fibre

**Note 1:**  
Fiber packaging usually requires repackaging for shipment

43 Glass  
52 Iron or Steel  
58 Metal  
64 Molded Plastic  
71 Not Otherwise Specified  
72 Paper - VCI

<u>Code</u>	<u>Name</u>
	<b>Description:</b> <i>Water-resistant paper that is treated by the addition of materials to provide resistance to damage or deterioration by water in liquid form</i>
75	Plastic - Vacuum Formed
	<b>Description:</b> <i>Packaging material that is formed by heating plastic sheet and drawing it against the mold surface by evacuating the air between the sheet and the mold</i>
76	Paper
77	Plastic - Structural Foam
	<b>Description:</b> <i>A method of manufacturing containers and shipping devices by mixing plastic resins with a foaming agent, heating it and injecting the mix into a two-piece machined aluminum mold</i>
78	Plastic - Injection Molded
	<b>Description:</b> <i>Packaging material that is formed by melting the material and then forcing it under pressure into a cavity of a closed mold</i>
79	Plastic
80	Polyethylene Lined
84	Polystyrene
	<b>Description:</b> <i>A polymer prepared by the polymerization of styrene as the sole monomer</i>
86	Foam
	<b>Description:</b> <i>In packaging, a cushioning material used to reduce shock and vibration or abrasion</i>
87	Polycoated
94	Wood

### Syntax Rules:

1. P0304 - If either G5503 or G5504 is present, then the other is required.
2. P0506 - If either G5505 or G5506 is present, then the other is required.
3. P0708 - If either G5507 or G5508 is present, then the other is required.
4. P0910 - If either G5509 or G5510 is present, then the other is required.
5. P1112 - If either G5511 or G5512 is present, then the other is required.
6. P1415 - If either G5514 or G5515 is present, then the other is required.
7. P232425 - If either G5523, G5524 or G5525 are present, then the others are required.
8. P262728 - If either G5526, G5527 or G5528 are present, then the others are required.
9. P2930 - If either G5529 or G5530 is present, then the other is required.

### Semantics:

1. G5521 indicates if the product is pre-priced. Code "Y" indicates the product is pre-priced. Code "N" indicates the product is not pre-priced.

### Comments:

1. G5516 is limited to 16 characters.

# Loop Trade Item Type

Pos: 1695	Repeat: >1
Optional	
Loop: TRT	Elements: N/A

**User Option (Usage):** Used

**Purpose:** To identify the trade item product type

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
1695	TRT	Trade Item Type	O	1		Used
1697	TRD	Trade Item Ingredient Details	O	>1		Used

# TRT Trade Item Type

Pos: 1695	Max: 1
Detail - Optional	
Loop: TRT	Elements: 7

**User Option (Usage):** Used

**Purpose:** To identify the trade item product type

**Note 1:**

If TRT02 is present with code DIN (Drug Identification Number), TRT03 through TRT07 are required.

**Note 2:**

If TRT02 is present with code MDL [Medical Device Number] or NPN [Natural Product Number], TRT03 is required. TRT04 through TRT07 are not used.

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TRT01	687	Class of Trade Code	M	ID	2/2	Must use

**Description:** Code indicating class of trade

**CodeList Summary** (Total Codes: 63, Included: 1)

**Code Name**

RX Healthcare Products

**Description:** Healthcare Products includes, but is not limited to, Pharmaceuticals, Drugs and Medical Devices

TRT02	128	Reference Identification Qualifier	X	ID	2/3	Used
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**Description:** Code identifying the Reference Identification

**CodeList Summary** (Total Codes: 1820, Included: 3)

**Code Name**

DIN Drug Identification Number

**Note 1:**

Code Source 874.

MDL Medical Device License Number

**Note 1:**

Code Source 955.

NPN Natural Product Number

**Note 1:**

Code Source 954 - Natural Health Product Number.

TRT03	127	Reference Identification	X	AN	1/80	Used
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**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

TRT04	128	Reference Identification Qualifier	X	ID	2/3	Used
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**Description:** Code identifying the Reference Identification

**CodeList Summary** (Total Codes: 1820, Included: 1)

**Code Name**

AIG Active Ingredient Group Number



**Code Name****Note 1:***Code Source 956 - Active Ingredient Group.*

TRT05	127	<b>Reference Identification</b>	X	AN	1/80	Used
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**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

TRT06	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
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**Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

**CodeList Summary (Total Codes: 905, Included: 67)****Code Name**

12 Packet

15 Stick

1N Count

1S Millimole

**Description:** Millimole is 1/1000 part of a mole (measure of the concentration of a solute)

42 Centesimal Hahnemannian Dilution (CH)

**Description:** Centesimal Hahnemannian Scale Attenuation - One milliliter (1.0 ml) of the first centesimal liquid attenuation (1C), or one gram (1.0 g) of the first centesimal trituration (1C) represents 0.01 gram (10.0 mg) of the dry crude medicinal substance

49 Decimal Hahnemannian Dilution (DH)

**Description:** Decimal Scale of Attenuation - One gram (1.0 g) of tincture, one milliliter of 1X aqueous solution, or one gram (1.0 g) of 1X trituration represents 0.10 gram of dry crude medicinal substance

55 Korsakovian (K)

**Description:** Centesimal Korsakovian Scale of Attenuation - One milliliter (1.0 ml) of the first centesimal liquid attenuation (1C), or one gram (1.0 g) of the first centesimal trituration (1C). represents 0.01 gram (10.0 mg) of the dry crude medicinal substance

59 Parts Per Million

75 Fifty Millesimal (LM)

**Description:** Fifty Millesimal Scale of Attenuation - One milliliter (1.0 ml) of the first fifty millesimal attenuation

AF Centigram

**Description:** A unit of metric weight equal to 0.01 gram or 0.000035 ounce

AM Ampoule

AR Suppository

AV Capsule

**Description:** A compact metallic or plastic container for liquids or solids

BF Board Feet

BG Bag

BO Bottle

BX Box

C3 Centiliter

CM Centimeter

<b>Code</b>	<b>Name</b>
DC	Disk (Disc)
DF	Dram
DG	Decigram
DL	Deciliter
EA	Each
F2	International Unit
	<b>Description:</b> <i>A unit accepted by an international agency; potency of a drug/vitamin based on a specific weight of that drug/vitamin</i>
FG	Transdermal Patch
	<b>Description:</b> <i>A drug delivery system which is placed on the skin and releases a drug at a constant rate through the skin</i>
FO	Fluid Ounce
FZ	Fluid Ounce (Imperial)
	<b>Description:</b> <i>A liquid unit of measure equal to 1/20 (.05) pint (Imperial), 28.416 cubic centimeters, or 28.416 milliliters</i>
GN	Gross Gallons
GR	Gram
IH	Inhaler
	<b>Description:</b> <i>Metered-dose pressurized method of getting medication into the lungs or nasal passages</i>
JC	Caplet
	<b>Description:</b> <i>To denote items in caplet form</i>
JL	Refill
	<b>Description:</b> <i>Refers to the number of refill units in a package</i>
JN	Pan
	<b>Description:</b> <i>Refers to items in a pan (such as eye shadow) and would be associated with the number of different colors</i>
JS	Use
	<b>Description:</b> <i>Refers to the number of uses from a product (such as a box of laundry detergent that provides sixty washes)</i>
JT	Tin
	<b>Description:</b> <i>Refers to giftware products in a tin</i>
JV	Ovule
	<b>Description:</b> <i>Refers to products which come in "ovule" form</i>
JX	Exposure
	<b>Description:</b> <i>To be used to indicate the number of exposures on a roll of film</i>
KG	Kilogram
KT	Kit
LB	Pound
LT	Liter
MC	Microgram
ME	Milligram
ML	Milliliter
MM	Millimeter
MR	Meter
OZ	Ounce - Av
P1	Percent



# TRD Trade Item Ingredient Details

Pos: 1697	Max: >1
Detail - Optional	
Loop: TRT	Elements: 5

**User Option (Usage):** Used**Purpose:** To specify the ingredients, product strength and unit of measure information**Note 1:***If TRD01 code PAB is used, then TRD04 and TRD05 are the drug strength.***Note 2:***If TRD01 code PAA is used, then TRD02, TRD03, TRD04 and TRD05 are the active ingredient quantity.***Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TRD01	738	<b>Measurement Qualifier</b>	M	ID	1/3	Must use

**Description:** Code identifying a specific product or process characteristic to which a measurement applies**CodeList Summary** (Total Codes: 1267, Included: 2)**Code Name**

PAA	Active Ingredient in Product
PAB	Drug Strength

TRD02	128	<b>Reference Identification Qualifier</b>	M	ID	2/3	Must use
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**Description:** Code identifying the Reference Identification**CodeList Summary** (Total Codes: 1820, Included: 2)**Code Name**

IGR	Ingredient Reference
INA	Drug Ingredient Reference

TRD03	127	<b>Reference Identification</b>	M	AN	1/80	Must use
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**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

TRD04	355	<b>Unit or Basis for Measurement Code</b>	M	ID	2/2	Must use
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**Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken**CodeList Summary** (Total Codes: 905, Included: 67)**Code Name**

12	Packet
15	Stick
1N	Count
1S	Millimole

**Description:** *Millimole is 1/1000 part of a mole (measure of the concentration of a solute)*

42	Centesimal Hahnemannian Dilution (CH)
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**Description:** *Centesimal Hahnemannian Scale Attenuation - One milliliter (1.0 ml) of the first centesimal liquid attenuation (1C), or one gram (1.0 g) of the first*

<u>Code</u>	<u>Name</u>
	<i>centesimal trituration (1C) represents 0.01 gram (10.0 mg) of the dry crude medicinal substance</i>
49	Decimal Hahnemannian Dilution (DH) <b>Description:</b> <i>Decimal Scale of Attenuation - One gram (1.0 g) of tincture, one milliliter of 1X aqueous solution, or one gram (1.0 g) of 1X trituration represents 0.10 gram of dry crude medicinal substance</i>
55	Korsakovian (K) <b>Description:</b> <i>Centesimal Korsakovian Scale of Attenuation - One milliliter (1.0 ml) of the first centesimal liquid attenuation (1C), or one gram (1.0 g) of the first centesimal trituration (1C). represents 0.01 gram (10.0 mg) of the dry crude medicinal substance</i>
59	Parts Per Million
75	Fifty Millesimal (LM) <b>Description:</b> <i>Fifty Millesimal Scale of Attenuation - One milliliter (1.0 ml) of the first fifty millesimal attenuation</i>
AF	Centigram <b>Description:</b> <i>A unit of metric weight equal to 0.01 gram or 0.000035 ounce</i>
AM	Ampoule
AR	Suppository
AV	Capsule <b>Description:</b> <i>A compact metallic or plastic container for liquids or solids</i>
BF	Board Feet
BG	Bag
BO	Bottle
BX	Box
C3	Centiliter
CM	Centimeter
DC	Disk (Disc)
DF	Dram
DG	Decigram
DL	Deciliter
EA	Each
F2	International Unit <b>Description:</b> <i>A unit accepted by an international agency; potency of a drug/vitamin based on a specific weight of that drug/vitamin</i>
FG	Transdermal Patch <b>Description:</b> <i>A drug delivery system which is placed on the skin and releases a drug at a constant rate through the skin</i>
FO	Fluid Ounce
FZ	Fluid Ounce (Imperial) <b>Description:</b> <i>A liquid unit of measure equal to 1/20 (.05) pint (Imperial), 28.416 cubic centimeters, or 28.416 milliliters</i>
GN	Gross Gallons
GR	Gram
IH	Inhaler <b>Description:</b> <i>Metered-dose pressurized method of getting medication into the lungs or nasal passages</i>
JC	Caplet

<u>Code</u>	<u>Name</u>
	<b>Description:</b> <i>To denote items in caplet form</i>
JL	Refill
	<b>Description:</b> <i>Refers to the number of refill units in a package</i>
JN	Pan
	<b>Description:</b> <i>Refers to items in a pan (such as eye shadow) and would be associated with the number of different colors</i>
JS	Use
	<b>Description:</b> <i>Refers to the number of uses from a product (such as a box of laundry detergent that provides sixty washes)</i>
JT	Tin
	<b>Description:</b> <i>Refers to giftware products in a tin</i>
JV	Ovule
	<b>Description:</b> <i>Refers to products which come in "ovule" form</i>
JX	Exposure
	<b>Description:</b> <i>To be used to indicate the number of exposures on a roll of film</i>
KG	Kilogram
KT	Kit
LB	Pound
LT	Liter
MC	Microgram
ME	Milligram
ML	Milliliter
MM	Millimeter
MR	Meter
OZ	Ounce - Av
P1	Percent
PC	Piece
PD	Pad
PH	Pack (PAK)
PR	Pair
QB	Pages - Hardcopy
	<b>Description:</b> <i>Number of printed pages delivered</i>
RL	Roll
SH	Sheet
ST	Set
SZ	Syringe
	<b>Description:</b> <i>Glass or plastic barrels used to administer fluid medication under the skin, into a vein artery, or into a muscle</i>
TB	Tube
U2	Tablet
	<b>Description:</b> <i>A compressed or molded block of solid material; a collection of sheet paper glued together at one edge</i>
UN	Unit
V2	Pouch
VI	Vial
Y4	Tub
	<b>Description:</b> <i>A measure used to identify a storage container</i>

**Code Name**

YD Yard

ZU Mother Tincture (TM)

**Description:** *Mother tincture is for homeopathic preparation and is a liquid preparation obtained by the solvent action of a suitable vehicle upon raw materials. The raw materials are usually in the fresh form but may be dried. Mother tinctures for homeopathic preparations may also be obtained from plant juices, with, or without the addition of a vehicle.*

ZV Nanogram

**Description:** *Nanogram is one billionth (1/1,000,000,000) of a gram*

TRD05	739	<b>Measurement Value</b>	M	R	1/20	Must use
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**Description:** The value of the measurement

**Comments:**

1. TRD05 is the per value of measure for the ingredient.

# Loop Pricing Information

Pos: 1700      Repeat: >1  
 Optional  
 Loop: CTP    Elements: N/A

**User Option (Usage):** Used

**Purpose:** To specify pricing information

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
1700	CTP	Pricing Information	O	1		Used
1800	DTM	Date/Time Reference	O	10		Used
1820	G36	Price List Reference	O	1		Used
2000	CUR	Currency	O	5		Used
2250	REF	Reference Information	O	>1		Used
2270	G43	Promotion/Price List Area	O	9999		Used
2280	SAC	Service, Promotion, Allowance, or Charge Information	O	>1		Used
2290	G26	Pricing Conditions	O	99		Used



# CTP Pricing Information

Pos: 1700	Max: 1
Detail - Optional	
Loop: CTP	Elements: 6

**User Option (Usage):** Used

**Purpose:** To specify pricing information

**Note 1:**

*Price information may be sent in either the CTP segment or the G40 segment, but not both. When specifying pricing in the G40 segment, at least one of CTP01 or CTP02 is required, and CTP03 is not used.*

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTP01	687	<b>Class of Trade Code</b>	O	ID	2/2	Used

**Description:** Code indicating class of trade

**CodeList Summary** (Total Codes: 63, Included: 11)

Code Name

- AG Agent
- BG Buying Group
- CR Chain Store Retail
- CY Convenience Store
- DE Dealer
- DF Doctors' Offices
- DI Distributor
- HS Hospitals
- RS Resale

**Note 1:**

*Retailer*

- WH Wholesaler
- WS User

CTP02	236	<b>Price Identifier Code</b>	X	ID	3/3	Used
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**Description:** Code identifying pricing specification

**CodeList Summary** (Total Codes: 169, Included: 6)

Code Name

- BCH Base Charge

**Note 1:**

*Deposit Amount*

- DSD Direct Store Delivery
- MSR Manufacturer's Suggested Retail

**Note 1:**

*SUGGESTED RETAIL - Price that is printed on ticket identified as suggested retail.*

- PRP Promotional price

**Note 1:**

*Promotion/Event*

**Code Name**

RTL Retail  
UCP Unit cost price

**Note 1:**

*UNIT COST - Standard wholesale cost of an item.*

CTP03 212 **Unit Price** X R 1/17 Used

**Description:** Price per unit of product, service, commodity, etc.

**Note 1:** *The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29".*

CTP04 380 **Quantity** X R 1/15 Used

**Description:** Numeric value of quantity

CTP05 C001 **Composite Unit of Measure** X Comp Used

**Description:** To identify a composite unit of measure(See Figures Appendix for examples of use)

**Comments:**

1. If C001-02 is not used, its value is to be interpreted as 1.
2. If C001-03 is not used, its value is to be interpreted as 1.
3. If C001-05 is not used, its value is to be interpreted as 1.
4. If C001-06 is not used, its value is to be interpreted as 1.
5. If C001-08 is not used, its value is to be interpreted as 1.
6. If C001-09 is not used, its value is to be interpreted as 1.
7. If C001-11 is not used, its value is to be interpreted as 1.
8. If C001-12 is not used, its value is to be interpreted as 1.
9. If C001-14 is not used, its value is to be interpreted as 1.
10. If C001-15 is not used, its value is to be interpreted as 1.

CTP05-01 355 **Unit or Basis for Measurement Code** M ID 2/2 Must use

**Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

**CodeList Summary** (Total Codes: 905, Included: 7)

**Code Name**

CA Case  
EA Each  
GR Gram  
KG Kilogram  
LB Pound  
OZ Ounce - Av  
PL Pallet/Unit Load

CTP09 639 **Basis of Unit Price Code** O ID 2/2 Used

**Description:** Code identifying the type of unit price for an item

**CodeList Summary** (Total Codes: 101, Included: 1)

**Code Name**

NT Net

**Description:** *Indicates a net unit price*

### **Syntax Rules:**

1. P0405 - If either CTP04 or CTP05 is present, then the other is required.
2. C0607 - If CTP06 is present, then CTP07 is required.
3. C0902 - If CTP09 is present, then CTP02 is required.
4. C1002 - If CTP10 is present, then CTP02 is required.
5. C1103 - If CTP11 is present, then CTP03 is required.

### **Semantics:**

1. CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
2. CTP08 is the rebate amount.

### **Comments:**

1. See Figures Appendix for an example detailing the use of CTP03 and CTP04.
2. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

# DTM Date/Time Reference

Pos: 1800	Max: 10
Detail - Optional	
Loop: CTP	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify pertinent dates and times

**Note 1:**

*Codes 196 and 197 specify the applicable dates for the prices specified in the preceding CTP segment, e.g., effective date or expiration date.*

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use

**Description:** Code specifying type of date or time, or both date and time

**CodeList Summary** (Total Codes: 1312, Included: 2)

Code Name

196	Start
197	End

DTM02	373	Date	X	DT	8/8	Must use
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**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

**Syntax Rules:**

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

# G36 Price List Reference

Pos: 1820	Max: 1
Detail - Optional	
Loop: CTP	Elements: 3

**User Option (Usage):** Used

**Purpose:** To provide price list references and descriptions

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G3601	439	<b>Price List Number</b>	M	AN	1/16	Must use
		<b>Description:</b> Identification number assigned by a vendor to a price list				
G3602	440	<b>Price List Issue Number</b>	O	AN	1/16	Used
		<b>Description:</b> Number assigned to revised or new issues of a price list				
G3603	373	<b>Date</b>	M	DT	8/8	Must use
		<b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				

## Semantics:

1. G3603 is the issue date of the price list.

# CUR Currency

<b>Pos: 2000</b>	<b>Max: 5</b>
<b>Detail - Optional</b>	
<b>Loop: CTP</b>	<b>Elements: 3</b>

**User Option (Usage):** Used

**Purpose:** To specify the currency (dollars, pounds, francs, etc.) used in a transaction

**Note 1:**

*When this segment is used in the detail area, it overrides any currency stated in the header area for this iteration of the LIN loop only. In addition, the exchange rate for the currency specified to US Dollars may be provided.*

*See Section V - VICS EDI Conventions - CUR Usage, for usage examples.*

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CUR01	98	<b>Entity Identifier Code</b>	M	ID	2/3	Must use

**Description:** Code identifying an organizational entity, a physical location, property or an individual

**CodeList Summary** (Total Codes: 1529, Included: 1)

**Code Name**

SE Selling Party

CUR02	100	<b>Currency Code</b>	M	ID	3/3	Must use
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**Description:** Code specifying the Standard ISO code for country in whose currency the charges are specified

**Note 1:** See External Code Source 5 in Section III for reference document.

CUR03	280	<b>Exchange Rate</b>	O	R	4/10	Used
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**Description:** Value to be used as a multiplier conversion factor to convert monetary value from one currency to another

**Syntax Rules:**

1. C0807 - If CUR08 is present, then CUR07 is required.
2. C0907 - If CUR09 is present, then CUR07 is required.
3. L101112 - If CUR10 is present, then at least one of CUR11 or CUR12 is required.
4. C1110 - If CUR11 is present, then CUR10 is required.
5. C1210 - If CUR12 is present, then CUR10 is required.
6. L131415 - If CUR13 is present, then at least one of CUR14 or CUR15 is required.
7. C1413 - If CUR14 is present, then CUR13 is required.
8. C1513 - If CUR15 is present, then CUR13 is required.
9. L161718 - If CUR16 is present, then at least one of CUR17 or CUR18 is required.
10. C1716 - If CUR17 is present, then CUR16 is required.
11. C1816 - If CUR18 is present, then CUR16 is required.
12. L192021 - If CUR19 is present, then at least one of CUR20 or CUR21 is required.
13. C2019 - If CUR20 is present, then CUR19 is required.
14. C2119 - If CUR21 is present, then CUR19 is required.

**Comments:**

1. See Figures Appendix for examples detailing the use of the CUR segment.

# REF Reference Information

Pos: 2250	Max: >1
Detail - Optional	
Loop: CTP	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify identifying information

**Note 1:**

*Use multiple iterations of the REF segment to specify additional retailers to which the price applies.*

*When REF01 contains code "YD", REF02 specifies the Retailer Identification Number for the catalog service provider as used in BCT06.*

*When REF01 contains code "CT", REF02 identifies the contract number effective for the price specified in the associated CTP segment.*

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	<b>Reference Identification Qualifier</b>	M	ID	2/3	Must use
<b>Description:</b> Code identifying the Reference Identification						
<b>CodeList Summary</b> (Total Codes: 1820, Included: 1)						
<b>Code Name</b>						
YD Buyer Identification						
REF02	127	<b>Reference Identification</b>	X	AN	1/80	Must use
<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						

**Syntax Rules:**

1. R0203 - At least one of REF02 or REF03 is required.

**Semantics:**

1. REF04 contains data relating to the value cited in REF02.

# G43 Promotion/Price List Area

Pos: 2270	Max: 9999
Detail - Optional	
Loop: CTP	Elements: 4

**User Option (Usage):** Used

**Purpose:** To specify the geographic area in which a promotion or price is in effect

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G4301	771	Market Area Code Qualifier	M	ID	1/3	Must use

**Description:** Code identifying the identifier represented in "Market Area Code Identifier (767)"

**CodeList Summary** (Total Codes: 15, Included: 5)

**Code Name**

- 001 Pricing Market
- 002 Store Number
- 006 All Stores

**Description:** All retail stores within a market area

- 009 State or Province Abbreviation Code

**Note 1:**

Code 001 (Pricing Market) is used only when the specific market area is not codified.

See External Code Source 22 in Section III for reference document.

- GLN Global Location Number (GLN)

**Description:** A globally unique 13 digit code for the identification of a legal, functional, or physical location within the Uniform Code Council (UCC) and EAN numbering system

**Note 1:**

See External Code Source 583 for reference document.

G4302	767	Market Area Code Identifier	O	AN	1/13	Used
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**Description:** A unique identification of a market area

G4303	352	Description	O	AN	1/80	Used
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**Description:** A free-form description to clarify the related data elements and their content

G4304	687	Class of Trade Code	O	ID	2/2	Used
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**Description:** Code indicating class of trade

**CodeList Summary** (Total Codes: 63, Included: 8)

**Code Name**

- CY Convenience Store
- DI Distributor
- FS Food Service

**Description:** Institutions, restaurants, schools

- GA Grocery Accounts

**Description:** Grocery chains, wholesalers, and independents

- GM General Merchandise



**Code Name**

**Description:** *Discount/Department stores, mass merchandisers, variety stores, general merchandisers*

ML Military

PY Private Label

WC Warehouse Clubs

**Description:** *Membership club stores dealing in large volume direct shipments in both food and nonfood items*

**Semantics:**

1. If G4301 is "001", "002", or "004", then G4302 is required. If G4301 is "003", then G4303 is required.

# SAC Service, Promotion, Allowance, or Charge Information

Pos: 2280	Max: >1
Detail - Optional	
Loop: CTP	Elements: 14

**User Option (Usage):** Used

**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

**Note 1:**

*This segment is used to convey service, charge and allowance information related to the price sent in the associated CTP segment.*

*There is one segment for each Allowance, Charge, Service, or Promotion being specified. If this segment appears in the header area of the transaction set, the data applies to the entire transaction set. If this segment appears in the detail area of the transaction set, the data applies only to that line item. The data specified in the header area is exclusive of the data specified in the detail area; it is not the sum of the data in the detail area, i.e., allowances or charges.*

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC01	248	<b>Allowance or Charge Indicator Code</b>	M	ID	1/1	Must use

**Description:** Code indicating an allowance or charge for the service specified

**CodeList Summary** (Total Codes: 7, Included: 3)

**Code Name**

- A Allowance
- C Charge
- N No Allowance or Charge

SAC02	1300	<b>Service, Promotion, Allowance, or Charge Code</b>	X	ID	4/4	Used
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**Description:** Code identifying the service, promotion, allowance, or charge

**CodeList Summary** (Total Codes: 1091, Included: 58)

**Code Name**

- A320 Air Transportation Charge
- A445 Anti-dumping Duty
- A730 Brokerage or Duty
- A890 Cancelled Order, Heavy Duty Flatcar
- B560 Container Allowance
- B570 Container Deposits
- B720 Cooperative Advertising/Merchandising Allowance (Performance)
- B787 Countervailing Duty
- B872 Customs Duty
- C040 Delivery
- C110 Deposit
- C350 Distributor Discount/Allowance
- C530 Duty Charge

**Code Name**

C531 Duty Drawback  
C680 Environmental Protection Service  
D103 Foreign Customs Duty  
D170 Free Goods  
D350 Goods and Services Credit Allowance  
D360 Goods and Services Tax Charge  
D590 Heavy Duty Flat Car Charge  
D701 International Air Transport Association (IATA) Commission  
D710 IATA Fee  
D711 International Air Transport Association (IATA) Markup  
D800 Inland Transportation  
E382 Liquidation Anti-Dumping Duty  
E384 Liquidation Countervailing Duty  
E565 Markdown Allowance  
E730 New Item Allowance  
E740 New Store Allowance  
E750 New Store Discount  
E760 New Warehouse Discount  
F050 Other (See related description)  
F180 Pallet  
F330 Pickup and Delivery  
F340 Pick/Up  
F560 Premium Transportation  
F650 Preparation  
F810 Promotional Discount  
F910 Quantity Discount  
G322 Reliquidation Anti-Dumping Duty  
G324 Reliquidation Countervailing Duty  
H000 Special Allowance  
H215 Specific Duty  
H490 Subject To Tax On Resale  
H535 Supplemental Duty  
H770 Tax - State Tax  
H806 Tax Credit  
H840 Tax on Transportation  
I170 Trade Discount  
I240 Transportation And Setup  
I250 Transportation Charge (Minimum Rate)  
I260 Transportation Direct Billing  
I270 Transportation Third Party Billing  
I280 Transportation Vendor Provided  
I310 Truckload Discount  
I410 Unsaleable Merchandise Allowance  
R080 Packing, Crating, Handling, and Transportation Charge  
ZZZZ Mutually Defined

SAC03 559 **Agency Qualifier Code** X ID 2/2 Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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**Description:** Code identifying the agency assigning the code values

**CodeList Summary** (Total Codes: 196, Included: 1)

**Code Name**

VI Voluntary Inter-Industry Commerce Standard (VICS) EDI

**Note 1:**

See External Code Source 70 in Section III for reference document.

SAC04	1301	<b>Agency Service, Promotion, Allowance, or Charge Code</b>	X	AN	1/10	Used
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**Description:** Agency maintained code identifying the service, promotion, allowance, or charge

**Note 1:** See External Code Source 46 in Section III for reference document.

See Section III, data element 1301, for code list.

NOTE: Only Part 1 codes AR, CS, GC, GP, GW, HA, IN, MO, MR, and OH (with Part 2) pertain to this Canadian profile.

Part 01

AR Assembly Requested

CS Custom Service(Service type code in SAC13 and/or description of service inSAC15)

GC Gift Card(Gift card type in SAC13, gift card message in SAC15)

GP Graphic Print(Graphic print type code in SAC13 and/or description in SAC15)

GW Gift Wrap(Gift wrap type code in SAC13 and/or description in SAC15)

HA Hanger ServiceINInscription(Inscription text in SAC15)

MO Monogram(Monogram letters in SAC15)

MR Mounting Requested

OH Order Handling

Part 02 for code OH

BH Bill and Hold Goods

DC Direct to Consumer

DS Drop Ship

FC First Cost Order(Retailer, customer of importer, pays cost of getting the product into the country)

KO Close Out OrderKTKey Titles (Music/Software/Video)

LO Landed Order(Importer, third party, pays all costs of getting the productinto the country)NP New Product Introduction Offer

NS New Store Order

PR Promotional Order

PU Prepack U.P.C.A prepack U.P.C. request is one in which a U.P.C. numberis specified in a batch request and all the prepackU.P.C.s for which the specified U.P.C. is a component arereturned.

RC Raincheck Order

RO Rush Order

SB Seasonal Build Up Order

SI Sibling U.P.C.A sibling U.P.C. request is one in which a U.P.C. numberis specified in a batch request and all U.P.C.s belongingto the Product ID of the specified U.P.C. are returned.

SP Sample Order

SO Special Order

ZQ Mutually Defined Order Type(Code in SAC13)

SAC05	610	<b>Amount</b>	O	N2	1/15	Used
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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>Description:</b> Monetary amount				
		<b>Note 1:</b> When SAC01 contains code A or code C, then this data element is required. This will resolve any differences between the sender's and receiver's system calculations of amounts, i.e., rounding errors when allowances or charges are expressed in percentages or rates.				
SAC06	378	<b>Allowance/Charge Percent Qualifier</b>	X	ID	1/1	Used
		<b>Description:</b> Code indicating on what basis allowance or charge percent is calculated				
		<b>CodeList Summary</b> (Total Codes: 16, Included: 7)				
		<b>Code Name</b>				
		1 Item List Cost				
		2 Item Net Cost				
		3 Discount/Gross				
		<b>Note 1:</b> All allowances are off the gross price including cash discount.				
		4 Discount/Net				
		<b>Note 1:</b> All allowances are off the gross price. Cash discounts are off the net.				
		5 Base Price per Unit				
		<b>Note 1:</b> Line item discount				
		6 Base Price Amount				
		7 Base Price Amount Less Previous Discount				
		<b>Note 1:</b> Declining balance method				
SAC07	332	<b>Percent, Decimal Format</b>	X	R	1/6	Used
		<b>Description:</b> Percent given in decimal format (e.g., 0.0 through 100.0 represents 0% through 100%)				
		<b>Note 1:</b> The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".				
SAC08	118	<b>Rate</b>	O	R	1/9	Used
		<b>Description:</b> Rate expressed in the standard monetary denomination for the currency specified				
SAC09	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		<b>CodeList Summary</b> (Total Codes: 905, Included: 7)				
		<b>Code Name</b>				
		CA Case				
		EA Each				
		GR Gram				
		KG Kilogram				
		LB Pound				
		OZ Ounce - Av				

		<u>Code</u>	<u>Name</u>				
		PL	Pallet/Unit Load				
SAC10	380	<b>Quantity</b>		X	R	1/15	Used
<p><b>Description:</b> Numeric value of quantity</p> <p><b>Note 1:</b> <i>When SAC02 contains code D170, this data element is required and will contain the quantity of free goods. The unit of measure is in SAC09.</i></p> <p><i>SAC10 alone is used to indicate a specific quantity which could be a dollar amount, that is applicable to the service, promotion, allowance, or charge.</i></p>							
SAC12	331	<b>Allowance or Charge Method of Handling Code</b>		O	ID	2/2	Used
<p><b>Description:</b> Code indicating method of handling for an allowance or charge</p> <p><b>CodeList Summary</b> (Total Codes: 22, Included: 6)</p> <p><u>Code</u> <u>Name</u></p> <p>01 Bill Back</p> <p><b>Note 1:</b> <i>The allowance or charge amount will be adjudicated as a separate item, i.e., a debit/credit memo or a separate invoice. The amount will not be reflected in the invoice total amount.</i></p> <p>02 Off Invoice</p> <p><b>Note 1:</b> <i>The allowance or charge amount will be reflected in the total transaction amount, e.g., Total Invoice Amount = Merchandise Price + Charges - Allowances.</i></p> <p>03 Vendor Check to Customer</p> <p><b>Note 1:</b> <i>The vendor will issue a check directly to the customer of the retailer, or end consumer, for the allowance or charge amount. The amount is not reflected in the total invoice amount.</i></p> <p>04 Credit Customer Account</p> <p><b>Note 1:</b> <i>The retailer's account will be credited for the amount of the allowance or charge. The amount is not reflected in the total invoice amount.</i></p> <p>05 Charge to be Paid by Vendor</p> <p><b>Note 1:</b> <i>The vendor is responsible for the allowance or charge amount. The trading partners have agreed to the exact amount of adjudication. The amount will not be reflected in the total invoice amount.</i></p> <p>06 Charge to be Paid by Customer</p> <p><b>Note 1:</b> <i>When the order/item is a direct ship to the customer, or end consumer of the retailer, the allowance or charge amount is the responsibility of the customer or end consumer. If it is not a drop ship to the customer of the retailer, then the allowance or charge amount is the responsibility of the retailer. The exact method of adjudication has been agreed to by the trading partners. The amount will not be reflected in the total invoice amount.</i></p>							
SAC13	127	<b>Reference Identification</b>		X	AN	1/80	Used
<p><b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p>							

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC15	352	<b>Description</b>	X	AN	1/80	Used
		<b>Description:</b> A free-form description to clarify the related data elements and their content				
SAC16	819	<b>Language Code</b>	O	ID	2/3	Used
		<b>Description:</b> Code specifying the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)				
		<b>Note 1:</b> See External Code Source 102 in Section III for reference document.				
		<b>Note 2:</b> DA - Danish EN - English FI - Finnish FR - French IT - Italian JA - Japanese KO - Korean NL - Dutch				

### Syntax Rules:

1. R0203 - At least one of SAC02 or SAC03 is required.
2. P0304 - If either SAC03 or SAC04 is present, then the other is required.
3. P0607 - If either SAC06 or SAC07 is present, then the other is required.
4. P0910 - If either SAC09 or SAC10 is present, then the other is required.
5. C1110 - If SAC11 is present, then SAC10 is required.
6. C1413 - If SAC14 is present, then SAC13 is required.
7. C1615 - If SAC16 is present, then SAC15 is required.

### Semantics:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
4. SAC08 is the allowance or charge rate per unit.
5. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
6. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
7. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
9. SAC16 is used to identify the language being used in SAC15.

### Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

# G26 Pricing Conditions

Pos: 2290	Max: 99
Detail - Optional	
Loop: CTP	Elements: 6

**User Option (Usage):** Used

**Purpose:** To specify vendor's conditions related to price change

**Note 1:**

*If G2601 contains code 01, then the price is protected until the date in G2602 and G2603 or for the number of days in G2604, G2605, and G2606 using code DA in G2606.*

*If G2601 contains code 02, then G2604, G2605, and G2606 define the allocation.*

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G2601	290	<b>Price Condition Code</b>	M	ID	2/2	Must use

**Description:** Code identifying a particular condition applicable to a price change

**CodeList Summary** (Total Codes: 24, Included: 2)

Code Name

- 01 Price Protection Applies
- 02 Allocation Applies

G2602	432	<b>Date Qualifier</b>	X	ID	2/2	Used
-------	-----	-----------------------	---	----	-----	------

**Description:** Code specifying type of date

**CodeList Summary** (Total Codes: 142, Included: 6)

Code Name

- 03 Invoice Date
- 11 Shipped on This Date
- 35 Delivered on This Date
- 52 Ordered
- AA Store Inventory Stock
- AB Warehouse Inventory Stock

G2603	373	<b>Date</b>	X	DT	8/8	Used
-------	-----	-------------	---	----	-----	------

**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

G2604	292	<b>Quantity Basis Code</b>	X	ID	3/3	Used
-------	-----	----------------------------	---	----	-----	------

**Description:** Code identifying the total product allocation condition

**CodeList Summary** (Total Codes: 2, Included: 2)

Code Name

- 001 Quantity per Customer Allowed
- 002 Quantity per Market Allowed

G2605	380	<b>Quantity</b>	X	R	1/15	Used
-------	-----	-----------------	---	---	------	------

**Description:** Numeric value of quantity

G2606	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
-------	-----	---	---	----	-----	------



<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
------------	-----------	---------------------	------------	-------------	----------------	--------------

**Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

**CodeList Summary** (Total Codes: 905, Included: 7)

**Code Name**

CA	Case
EA	Each
GR	Gram
KG	Kilogram
LB	Pound
OZ	Ounce - Av
PL	Pallet/Unit Load

### Syntax Rules:

1. P0203 - If either G2602 or G2603 is present, then the other is required.
2. P040506 - If either G2604, G2605 or G2606 are present, then the others are required.

# Loop Party Identification

Pos: 2430	Repeat: >1
Optional	
Loop: N1	Elements: N/A

**User Option (Usage):** Used

**Purpose:** To identify a party by type of organization, name, and code

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
2430	N1	Party Identification	O	1		Used
2500	N3	Party Location	O	2		Used
2600	N4	Geographic Location	O	1		Used

# N1 Party Identification

Pos: 2430	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

**User Option (Usage):** Used

**Purpose:** To identify a party by type of organization, name, and code

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use

**Description:** Code identifying an organizational entity, a physical location, property or an individual

**CodeList Summary** (Total Codes: 1529, Included: 9)

**Code Name**

- 9C Country of Destination
- CT Country of Origin

**Note 1:**

*The country where the product is manufactured. N104 will contain the country code.*

- HA Owner
- II Issuer of Invoice
- MF Manufacturer of Goods
- SF Ship From

**Note 1:**

*Point of Origin - Shipping location.*

- ACV Information Source
- OAA Organic Accredited Certifying Agency

**Description:** An accredited business, organization or agency that has the authority under an organic program to certify producers and handlers of agricultural products

- SUS Supply Source

N102	93	Name	X	AN	1/60	Used
------	----	------	---	----	------	------

**Description:** Free-form name

N103	66	Identification Code Qualifier	X	ID	1/2	Used
------	----	-------------------------------	---	----	-----	------

**Description:** Code specifying the system/method of code structure used for Identification Code (67)

**CodeList Summary** (Total Codes: 255, Included: 4)

**Code Name**

- 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix

**Note 1:**

*See External Code Source 16*

- 38 Country Code

**Note 1:**

*See External Code Source 5*

- UL Global Location Number (GLN)

**Description:** A globally unique 13 digit code used for the identification of any

**Code Name**

*physical or legal location that needs to be uniquely identified for use in the supply chain. A GS1 identification key*

**Note 1:**

*See External Code Source 583*

UM GS1 Global Location Number with Extension Component

**Description:** *A globally unique 13-digit code with a one to twenty character extension component used, for the identification of a legal or physical location*

N104	67	<b>Identification Code</b>	X	AN	2/80	Used
------	----	----------------------------	---	----	------	------

**Description:** Code identifying a party or other code

**Syntax Rules:**

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

**Comments:**

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

# N3 Party Location

Pos: 2500	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify the location of the named party

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	<b>Address Information</b>	M	AN	1/55	Must use
		<b>Description:</b> Address information				
N302	166	<b>Address Information</b>	O	AN	1/55	Used
		<b>Description:</b> Address information				

# N4 Geographic Location

Pos: 2600	Max: 1
Detail - Optional	
Loop: N1	Elements: 6

**User Option (Usage):** Used

**Purpose:** To specify the geographic place of the named party

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	<b>City Name</b>	O	AN	2/30	Used
		<b>Description:</b> Free-form text for city name				
N402	156	<b>State or Province Code</b>	X	ID	2/2	Used
		<b>Description:</b> Code specifying the Standard State/Province as defined by appropriate government agency				
		<b>Note 1:</b> See External Code Source 22 in Section III for reference document.				
N403	116	<b>Postal Code</b>	X	ID	3/15	Used
		<b>Description:</b> Code specifying international postal zone code excluding punctuation and blanks (zip code for United States)				
		<b>Note 1:</b> See External Code Source 51 in Section III for reference document.				
N404	26	<b>Country Code</b>	X	ID	2/3	Used
		<b>Description:</b> Code identifying the country				
		<b>Note 1:</b> See External Code Source 5 in Section III for reference document.				
N407	1715	<b>Country Subdivision Code</b>	X	ID	1/3	Used
		<b>Description:</b> Code identifying the country subdivision				
		<b>Note 1:</b> See External Code Source 5 in Section III.				
N408	1702	<b>Postal Code-Formatted</b>	X	AN	3/20	Used
		<b>Description:</b> A postal code value including punctuation, blanks and other characters as defined by the postal authority				

## Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. E0308 - Only one of N403 or N408 may be present.
3. C0605 - If N406 is present, then N405 is required.
4. C0704 - If N407 is present, then N404 is required.

## Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N403 contains the postal code in an unstructured format. N408 contains the postal code in a structured format. When a postal code data field is used, the parties shall agree as to which data element (N403 or N408) shall be used in the transaction set.

# Loop Item Characteristics - Vendor's Selling Unit

Pos: 2830	Repeat: >1
	Optional
Loop: G39	Elements: N/A

**User Option (Usage):** Used

**Purpose:** To identify a vendor's selling unit or to provide physical characteristics relative to a vendor's selling unit

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
2830	G39	Item Characteristics - Vendor's Selling Unit	O	1		Used

# G39 Item Characteristics - Vendor's Selling Unit

Pos: 2830	Max: 1
Detail - Optional	
Loop: G39	Elements: 26

**User Option (Usage):** Used

**Purpose:** To identify a vendor's selling unit or to provide physical characteristics relative to a vendor's selling unit

**Note 1:**

*ITEM MAINTENANCE*

*This segment should be used to identify a vendor's selling unit.*

*G3902/G3903 should be used to identify an item.*

*When a new item is added (BCT10 contains code 02, or BCT10 contains code 00 and G5301 contains code 003) and is a permanent replacement for an existing item, the new item is identified in LIN02/LIN03 and G3902/G3903, and the replaced item is identified in G3923/G3924.*

*The product being replaced should be deleted in an additional LIN loop or separate 832 transaction set.*

*When a new item is added (BCT10 contains code 02) and is a temporary substitution for an existing item, the new item is identified in LIN02/LIN03 and G3902/G3903, and the substituted item is identified in G3923/G3924.*

*This segment may be used to specify the weight of the vendor selling unit by using G3905, G3906, and G3907. The volume (cube) of the vendor selling unit may be specified by using G3914 and G3915.*

*The dimensions of the vendor selling unit may be specified by using G3908 through G3913.*

*This segment is used to specify the packaging of the item in the case or carton. There may be two levels of packaging specified.*

*The first level is always specified by using G3917 (Pack). The first level may be actual items, e.g., consumer units, or it may be the number of smaller containers within the case.*

*The second level, specified using G3927 (Inner Pack), is the number of eaches in each inner container when G3917 is the number smaller containers within the case.*

*See Section V - EDI Conventions, Pack/Inner Pack Usage, for usage examples.*

*This segment can be used also to specify the type of packaging for the vendor selling unit by using G3928.*

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G3902	235	Product/Service ID Qualifier	X	ID	2/2	Used

**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**CodeList Summary** (Total Codes: 546, Included: 5)

**Code Name**

CA Case

**Note 1:**

*GTIN EAN/UCC-14 digit Shipping Unit - The data structure for the 14 digit EAN.UCC Global Trade Item Number that uniquely identifies a manufacturers shipping unit encompassing non-consumer trade units such as cases, pallets, and inner packs. The number includes the packaging indicator and check digit.*

EN GTIN-13



**Code Name**

**Description:** A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

EO GTIN-8

**Description:** An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items

UK GTIN-14

**Description:** A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

UP GTIN-12

**Description:** A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items

G3903 234 **Product/Service ID** X AN 1/80 Used

**Description:** Identifying number for a product or service

G3904 152 **Special Handling Code** O ID 2/3 Used

**Description:** Code specifying special transportation handling instructions

**CodeList Summary** (Total Codes: 580, Included: 14)

**Code Name**

DA Dangerous

**Note 1:**  
*Dangerous goods.*

EL Environmental Control Limits

**Description:** The items contained in the shipment are subject to environmental controls whose limits are specified in the contract

FL Flammable

FR Fragile - Handle with Care

HM Endorsed as Hazardous Material

IC Ice

PG Poisonous Gas

DNF Do Not Freeze

**Description:** Specifies that the temperature of a shipment must not go below the freezing point during transit

MRF Refrigerated

OPR Perishable

OSB Stow Below Deck

**Note 1:**  
*Not used by the Canadian Pharmacy sector.*

OTC Temperature Control

PFH Protect From Heat

PHR Per Hour Rates Applied

**Note 1:**  
*Not used by the Canadian Pharmacy sector.*

G3905 395 **Unit Weight** X R 1/8 Used

**Description:** Numeric value of weight per unit

**Note 1:** Gross weight of the vendor's selling unit in G3902/G3903

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G3906	187	<b>Weight Qualifier</b>	X	ID	1/2	Used
<b>Description:</b> Code specifying the type of weight						
<b>CodeList Summary</b> (Total Codes: 53, Included: 1)						
<b>Code Name</b>						
G Gross Weight						
G3907	188	<b>Weight Unit Code</b>	X	ID	1/1	Used
<b>Description:</b> Code specifying the weight unit						
<b>CodeList Summary</b> (Total Codes: 8, Included: 4)						
<b>Code Name</b>						
G Grams						
K Kilograms						
L Pounds						
O Ounces						
G3908	65	<b>Height</b>	X	R	1/8	Used
<b>Description:</b> Vertical dimension of an object measured when the object is in the upright position						
<b>Note 1:</b> When communicating the data measurements for height, width and item depth, follow the GS1 Package Measurement Rules to correctly determine height, width and depth measurements.						
See Code Source 41.						
G3909	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
<b>CodeList Summary</b> (Total Codes: 905, Included: 4)						
<b>Code Name</b>						
CM Centimeter						
DM Decimeter						
MM Millimeter						
MR Meter						
G3910	189	<b>Width</b>	X	R	1/8	Used
<b>Description:</b> Shorter measurement of the two horizontal dimensions measured with the object in the upright position						
<b>Note 1:</b> When communicating the data measurements for height, width and item depth, follow the GS1 Package Measurement Rules to correctly determine height, width and depth measurements.						
See Code Source 41.						
G3911	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
<b>CodeList Summary</b> (Total Codes: 905, Included: 4)						

**Code Name**

CM Centimeter  
 DM Decimeter  
 MM Millimeter  
 MR Meter

G3912 82 **Length** X R 1/8 Used

**Description:** Largest horizontal dimension of an object measured when the object is in the upright position

**Note 1:** For GS1, length corresponds to depth. When communicating the data measurements for height, width and item depth, follow the GS1 Package Measurement Rules to correctly determine height, width and depth measurements.

See Code Source 41.

G3913 355 **Unit or Basis for Measurement Code** X ID 2/2 Used

**Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

**CodeList Summary** (Total Codes: 905, Included: 4)

**Code Name**

CM Centimeter  
 DM Decimeter  
 MM Millimeter  
 MR Meter

G3914 183 **Volume** X R 1/8 Used

**Description:** Value of volumetric measure

G3915 355 **Unit or Basis for Measurement Code** X ID 2/2 Used

**Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

**CodeList Summary** (Total Codes: 905, Included: 2)

**Code Name**

CC Cubic Centimeter  
 CR Cubic Meter

G3916 416 **Pallet Block and Tiers** O N0 6/6 Used

**Description:** Code indicating pallet and load structure; first three digits indicate the number of cases per layer, last three digits indicate the number of layers per pallet

G3917 356 **Pack** O N0 1/6 Used

**Description:** The number of inner containers, or number of eaches if there are no inner containers, per outer container

**Note 1:** MANUFACTURER PACK - The number of items in a manufacturer's package.

G3918 357 **Size** X R 1/8 Used

**Description:** Size of supplier units in pack

G3919 355 **Unit or Basis for Measurement Code** X ID 2/2 Used

**Description:** Code specifying the units in which a value is being expressed, or manner in

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		which a measurement has been taken				
		<b>CodeList Summary</b> (Total Codes: 905, Included: 51)				
		<b>Code Name</b>				
	12	Packet				
	15	Stick				
	1N	Count				
	50	Actual Kilograms				
	AF	Centigram				
		<b>Description:</b> <i>A unit of metric weight equal to 0.01 gram or 0.000035 ounce</i>				
	AM	Ampoule				
	AR	Suppository				
	AV	Capsule				
		<b>Description:</b> <i>A compact metallic or plastic container for liquids or solids</i>				
	BG	Bag				
	BO	Bottle				
	BX	Box				
	C3	Centiliter				
	CC	Cubic Centimeter				
	CM	Centimeter				
	CN	Can				
	CX	Coil				
	DC	Disk (Disc)				
	DG	Decigram				
	DL	Deciliter				
	DM	Decimeter				
	DZ	Dozen				
	EA	Each				
	F2	International Unit				
		<b>Description:</b> <i>A unit accepted by an international agency; potency of a drug/vitamin based on a specific weight of that drug/vitamin</i>				
	FG	Transdermal Patch				
		<b>Description:</b> <i>A drug delivery system which is placed on the skin and releases a drug at a constant rate through the skin</i>				
	FO	Fluid Ounce				
	FZ	Fluid Ounce (Imperial)				
		<b>Description:</b> <i>A liquid unit of measure equal to 1/20 (.05) pint (Imperial), 28.416 cubic centimeters, or 28.416 milliliters</i>				
	GN	Gross Gallons				
	GR	Gram				
	IH	Inhaler				
		<b>Description:</b> <i>Metered-dose pressurized method of getting medication into the lungs or nasal passages</i>				
	KG	Kilogram				
	KT	Kit				
	LT	Liter				
	ME	Milligram				
	ML	Milliliter				

**Code Name**

- MM Millimeter
- MR Meter
- OZ Ounce - Av
- PC Piece
- PD Pad
- PH Pack (PAK)
- PR Pair
- QB Pages - Hardcopy

**Description:** Number of printed pages delivered

- RL Roll
- SH Sheet
- ST Set
- SZ Syringe

**Description:** Glass or plastic barrels used to administer fluid medication under the skin, into a vein artery, or into a muscle

- TB Tube
- U2 Tablet

**Description:** A compressed or molded block of solid material; a collection of sheet paper glued together at one edge

- V2 Pouch
- VI Vial
- Y4 Tub

**Description:** A measure used to identify a storage container

G3920 397 **Color** O AN 1/10 Used

**Description:** Free-form description of color

G3923 235 **Product/Service ID Qualifier** X ID 2/2 Used

**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**CodeList Summary** (Total Codes: 546, Included: 5)

**Code Name**

- CA Case

**Note 1:**

*GTIN EAN/UCC-14 digit Shipping Unit - The data structure for the 14 digit EAN.UCC Global Trade Item Number that uniquely identifies a manufacturers shipping unit encompassing non-consumer trade units such as cases, pallets, and inner packs. The number includes the packaging indicator and check digit.*

- EN GTIN-13

**Description:** A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

- EO GTIN-8

**Description:** An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items

- UK GTIN-14

**Description:** A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

- UP GTIN-12

**Code Name**

**Description:** A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items

G3924 234 **Product/Service ID** X AN 1/80 Used

**Description:** Identifying number for a product or service

G3925 187 **Weight Qualifier** X ID 1/2 Used

**Description:** Code specifying the type of weight

**CodeList Summary** (Total Codes: 53, Included: 5)

**Code Name**

B Billed Weight

**Note 1:**

*Used only by the grocery industry*

N Actual Net Weight

T Tare Weight

**Note 1:**

*Weight of the casing.  
Used only by Canadian grocery industry.*

A3 Shippers Weight

DR Drained Weight

**Note 1:**

*Used only by the grocery industry*

G3926 395 **Unit Weight** X R 1/8 Used

**Description:** Numeric value of weight per unit

**Note 1:** Net weight of the vendor's selling unit in the same unit of measure as G3907.

G3927 810 **Inner Pack** O N0 1/6 Used

**Description:** The number of eaches per inner container

G3928 103 **Packaging Code** O AN 3/5 Used

**Description:** Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required

**CodeList Summary** (Total Codes: 157, Included: 45)

**Code Name**

AMM Ammo Pack

BAG Bag

BAL Bale

BBL Barrel

BDL Bundle

BEM Beam

BLK Bulk

BOT Bottle

BOX Box

**Note 1:**

*Box or carton*

**Code Name**

- BRK Brick Pack  
**Description:** *A closed flat top container may form spout or has recloseable cap on side, or has straw and hole system*
- CAN Can
- CAS Case
- CHE Cheeses
- COL Coil
- CRT Crate
- CYL Cylinder
- DRM Drum
- EGG Egg Crating  
**Description:** *In containers and shipping devices, usually describes a type of interior dunnage which allows the contents to be individually segregated, horizontally and vertically, to provide protection during transportation and storage*
- EPR Edge Protection  
**Description:** *A right-angle piece placed over the outermost perimeter edges of a container to distribute pressure and prevent collapse or cutting from banding, strapping, or handling*  
**Note 1:**  
*A right-angle piece placed over the outermost perimeter edges of a container to distribute pressure and prevent collapse or cutting from banding, strapping, or handling*
- GAB Gable Top  
**Description:** *An "A" shaped top container may form spout or has recloseable cap on side, or has straw and hole system*
- JAR Jar
- JUG Jug
- KEG Keg
- LNR Liners  
**Description:** *Any material that separates a product within a container from the basic walls of the container*
- LSE Loose
- PAL Pail
- PKG Package  
**Note 1:**  
*Package, card, or blister card*
- PLT Pallet
- POU Pouch
- PWT Plastic-Wrapped Tray
- REL Reel
- ROL Roll
- SAH Sachet
- SHA Shaker
- SPL Spool
- SRW Shrink Wrap  
**Description:** *In packaging, a method of securing a unit load by placing a large "bag" of plastic film over the components and applying heat to induce shrinkage and cause the bag to tighten around the contents*

**Code Name**

SSC Single Serving Cup

STW Stretch Wrap

**Description:** *In packaging, a high-tensile plastic film, stretched and wrapped repeatedly around a unitized load to secure and maintain unit integrity*

TBE Tube

TBN Tote Bin

TNK Tank

TRY Tray

TUB Tub

WLC Wheeled Carrier

WRP Wrapped

**CodeList Summary** (Total Codes: 58, Included: 17)**Code Name**

25 Corrugated or Solid

**Note 1:***Corrugated or solid packaging does not require repackaging for shipment*

31 Fibre

**Note 1:***Fiber packaging usually requires repackaging for shipment*

43 Glass

58 Metal

64 Molded Plastic

71 Not Otherwise Specified

72 Paper - VCI

**Description:** *Water-resistant paper that is treated by the addition of materials to provide resistance to damage or deterioration by water in liquid form*

75 Plastic - Vacuum Formed

**Description:** *Packaging material that is formed by heating plastic sheet and drawing it against the mold surface by evacuating the air between the sheet and the mold*

76 Paper

77 Plastic - Structural Foam

**Description:** *A method of manufacturing containers and shipping devices by mixing plastic resins with a foaming agent, heating it and injecting the mix into a two-piece machined aluminum mold*

78 Plastic - Injection Molded

**Description:** *Packaging material that is formed by melting the material and then forcing it under pressure into a cavity of a closed mold*

79 Plastic

80 Polyethylene Lined

84 Polystyrene

**Description:** *A polymer prepared by the polymerization of styrene as the sole monomer*

86 Foam

**Description:** *In packaging, a cushioning material used to reduce shock and vibration or abrasion*

87 Polycoated



**Code Name**

94 Wood

G3929 878 **Cash Register Item Description** O AN 1/20 Used

**Description:** The cash register description of an item

**Syntax Rules:**

1. R0102 - At least one of G3901 or G3902 is required.
2. P0203 - If either G3902 or G3903 is present, then the other is required.
3. P050607 - If either G3905, G3906 or G3907 are present, then the others are required.
4. P0809 - If either G3908 or G3909 is present, then the other is required.
5. P1011 - If either G3910 or G3911 is present, then the other is required.
6. P1213 - If either G3912 or G3913 is present, then the other is required.
7. P1415 - If either G3914 or G3915 is present, then the other is required.
8. P1819 - If either G3918 or G3919 is present, then the other is required.
9. P2324 - If either G3923 or G3924 is present, then the other is required.
10. P2526 - If either G3925 or G3926 is present, then the other is required.

# Loop Multi-Pack Configuration

Pos: 2850	Repeat: 20
Optional	
Loop: PKL	Elements: N/A

**User Option (Usage):** Used

**Purpose:** To identify the package level, quantity of stock-keeping units (SKUs), and other basic data related to the configuration of the package being defined

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
2850	PKL	Multi-Pack Configuration	O	1		Used

# PKL Multi-Pack Configuration

Pos: 2850	Max: 1
Detail - Optional	
Loop: PKL	Elements: 12

**User Option (Usage):** Used

**Purpose:** To identify the package level, quantity of stock-keeping units (SKUs), and other basic data related to the configuration of the package being defined

**Note 1:**

*This segment is used to specify inner pack carton attributes, e.g., length, width and height, associated with the inner pack.*

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PKL01	235	<b>Product/Service ID Qualifier</b>	M	ID	2/2	Must use

**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**CodeList Summary** (Total Codes: 546, Included: 6)

Code Name

CA Case

EN GTIN-13

**Description:** A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

EO GTIN-8

**Description:** An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items

PG Packaging Specification Number

UK GTIN-14

**Description:** A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

UP GTIN-12

**Description:** A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items

PKL02	234	<b>Product/Service ID</b>	M	AN	1/80	Must use
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**Description:** Identifying number for a product or service

**Note 1:** For an unmarked innerpack (no GTIN), PKL01 = "PG" and PKL02 will contain a single "X".

PKL03	355	<b>Unit or Basis for Measurement Code</b>	M	ID	2/2	Must use
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**Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

**CodeList Summary** (Total Codes: 905, Included: 1)

Code Name

EA Each

PKL04	380	<b>Quantity</b>	M	R	1/15	Must use
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**Description:** Numeric value of quantity

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
<b>Note 1:</b> <i>The quantity of consumer units contained in an inner pack.</i>						
PKL05	65	<b>Height</b>	X	R	1/8	Used
<b>Description:</b> Vertical dimension of an object measured when the object is in the upright position						
<b>Note 1:</b> <i>When communicating the data measurements for height, width and depth, follow the GS1 Package Measurement Rules to correctly determine the height, width and depth.</i>						
<i>See Code Source 41.</i>						
PKL06	189	<b>Width</b>	X	R	1/8	Used
<b>Description:</b> Shorter measurement of the two horizontal dimensions measured with the object in the upright position						
<b>Note 1:</b> <i>When communicating the data measurements for height, width and depth, follow the GS1 Package Measurement Rules to correctly determine the height, width and depth.</i>						
<i>See Code Source 41.</i>						
PKL07	677	<b>Item Depth</b>	X	R	1/6	Used
<b>Description:</b> The depth is the thickness of the product; in the dimension coordinate axes represented by X, Y and Z, depth is measured along the Z axis where X is the horizontal axis and Y is the vertical axis						
<b>Note 1:</b> <i>When communicating the data measurements for height, width and depth, follow the GS1 Package Measurement Rules to correctly determine the height, width and depth.</i>						
<i>See Code Source 41.</i>						
PKL08	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
<b>CodeList Summary</b> (Total Codes: 905, Included: 4)						
<b><u>Code</u> <u>Name</u></b>						
CM Centimeter						
DM Decimeter						
MM Millimeter						
MR Meter						
PKL09	384	<b>Gross Weight per Pack</b>	X	R	1/9	Used
<b>Description:</b> Numeric value of gross weight per pack						
PKL10	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
<b>CodeList Summary</b> (Total Codes: 905, Included: 160)						
<b><u>Code</u> <u>Name</u></b>						
12 Packet						
15 Stick						
1N Count						
26 Actual Tons						
2W Bin						

<b>Code</b>	<b>Name</b>
	<b>Description:</b> <i>Storage container used as a unit of measurement</i>
50	Actual Kilograms
AF	Centigram
	<b>Description:</b> <i>A unit of metric weight equal to 0.01 gram or 0.000035 ounce</i>
AM	Ampoule
AR	Suppository
AS	Assortment
AV	Capsule
	<b>Description:</b> <i>A compact metallic or plastic container for liquids or solids</i>
AZ	British Thermal Units (BTUs) per Pound
BA	Bale
BF	Board Feet
BG	Bag
BK	Book
BO	Bottle
BP	100 Board Feet
BR	Barrel
BX	Box
C3	Centiliter
CA	Case
CC	Cubic Centimeter
CE	Centigrade, Celsius
	<b>Note 1:</b>
	<i>Degrees</i>
CF	Cubic Feet
CH	Container
CI	Cubic Inches
CM	Centimeter
CN	Can
CR	Cubic Meter
CT	Carton
CW	Hundred Pounds (CWT)
CX	Coil
CY	Cubic Yard
D1	Dollars, Canadian
DA	Days
DC	Disk (Disc)
DD	Degree
DG	Decigram
DL	Deciliter
DM	Decimeter
DO	Dollars, U.S.
DR	Drum
DS	Display
DZ	Dozen
EA	Each

<b>Code</b>	<b>Name</b>
EP	Eleven pack
F2	International Unit <b>Description:</b> <i>A unit accepted by an international agency; potency of a drug/vitamin based on a specific weight of that drug/vitamin</i>
FA	Fahrenheit <b>Note 1:</b> <i>Degrees</i>
FG	Transdermal Patch <b>Description:</b> <i>A drug delivery system which is placed on the skin and releases a drug at a constant rate through the skin</i>
FO	Fluid Ounce
FT	Foot <b>Note 1:</b> <i>Feet</i>
FZ	Fluid Ounce (Imperial) <b>Description:</b> <i>A liquid unit of measure equal to 1/20 (.05) pint (Imperial), 28.416 cubic centimeters, or 28.416 milliliters</i>
GA	Gallon
GN	Gross Gallons
GR	Gram
GS	Gross
H3	18-Pack
H5	22-Pack
H6	30-Pack
H7	38-Pack
H8	62-Pack
H9	75-Pack
HC	Hundred Count
HL	Hundred Feet - Linear
HR	Hours
HS	Hundred Square Feet
IH	Inhaler <b>Description:</b> <i>Metered-dose pressurized method of getting medication into the lungs or nasal passages</i>
IN	Inch
J1	80-Pack
J3	81-Pack
J4	82-Pack
J5	84-Pack
J6	85-Pack
J7	96-Pack
J8	5000-Pack
J9	Left Unit
JC	Caplet <b>Description:</b> <i>To denote items in caplet form</i>
JL	Refill <b>Description:</b> <i>Refers to the number of refill units in a package</i>

**Code Name**

JN	Pan	<b>Description:</b> Refers to items in a pan (such as eye shadow) and would be associated with the number of different colors
JP	Prepack	<b>Description:</b> To indicate this is "n" assortment product with different UPC codes on it
JS	Use	<b>Description:</b> Refers to the number of uses from a product (such as a box of laundry detergent that provides sixty washes)
JT	Tin	<b>Description:</b> Refers to giftware products in a tin
JV	Ovule	<b>Description:</b> Refers to products which come in "ovule" form
JX	Exposure	<b>Description:</b> To be used to indicate the number of exposures on a roll of film
KE	Keg	<b>Description:</b> A unit of weight equal to 100 pounds, used for nails
KG	Kilogram	
KT	Kit	
L1	Right Unit	
LB	Pound	
LF	Linear Foot	
	<b>Note 1:</b>	
		<i>Running Feet</i>
LT	Liter	
LY	Linear Yard	
	<b>Note 1:</b>	
		<i>Running Yard</i>
M4	Monetary Value	
MC	Microgram	
ME	Milligram	
MJ	Minutes	
ML	Milliliter	
MM	Millimeter	
MO	Months	
MR	Meter	
NG	Net Gallons	
OP	Two pack	
OZ	Ounce - Av	
P1	Percent	
P3	Three pack	
P4	Four-pack	
P5	Five-pack	
P6	Six pack	
P7	Seven pack	
P8	Eight-pack	
P9	Nine pack	

<b>Code</b>	<b>Name</b>
PC	Piece
PD	Pad
PF	Pallet (Lift)
PH	Pack (PAK)
PK	Package
PL	Pallet/Unit Load
PR	Pair
PT	Pint
QB	Pages - Hardcopy
	<b>Description:</b> <i>Number of printed pages delivered</i>
QT	Quart
RL	Roll
S9	Slip Sheet
	<b>Description:</b> <i>A cardboard platform used for holding product for storage or transportation</i>
SH	Sheet
ST	Set
SX	Shipment
SY	Square Yard
SZ	Syringe
	<b>Description:</b> <i>Glass or plastic barrels used to administer fluid medication under the skin, into a vein artery, or into a muscle</i>
TB	Tube
TC	Truckload
TE	Tote
TH	Thousand
TK	Tank
TM	Thousand Feet (Board)
TP	Ten-pack
TS	Thousand Square Feet
U2	Tablet
	<b>Description:</b> <i>A compressed or molded block of solid material; a collection of sheet paper glued together at one edge</i>
UN	Unit
V2	Pouch
VI	Vial
WG	Wine Gallon
Y4	Tub
	<b>Description:</b> <i>A measure used to identify a storage container</i>
YD	Yard
YR	Years
Z7	13-pack Marketing
Z9	14-pack Marketing
ZF	16-pack Marketing
ZG	48-pack Component Parts
ZH	51-pack Component Parts
ZI	52-pack Component Parts



**Code Name**

- ZJ 60-pack Gift Packs
- ZK 72-pack Gift Packs
- ZL 83-pack Gift Packs
- ZM 10-pack Marketing
- ZN 120-pack Promotional
- ZO 150-pack Component Parts
- ZQ 200-pack Component Parts
- ZR 1000-pack Component Parts
- ZS 15-Pack

PKL11 385 **Gross Volume per Pack** X R 1/9 Used

**Description:** Numeric value of gross volume per pack

PKL12 355 **Unit or Basis for Measurement Code** X ID 2/2 Used

**Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

**CodeList Summary** (Total Codes: 905, Included: 160)

**Code Name**

- 12 Packet
- 15 Stick
- 1N Count
- 26 Actual Tons
- 2W Bin

**Description:** *Storage container used as a unit of measurement*

- 50 Actual Kilograms
- AF Centigram

**Description:** *A unit of metric weight equal to 0.01 gram or 0.000035 ounce*

- AM Ampoule
- AR Suppository
- AS Assortment
- AV Capsule

**Description:** *A compact metallic or plastic container for liquids or solids*

- AZ British Thermal Units (BTUs) per Pound
- BA Bale
- BF Board Feet
- BG Bag
- BK Book
- BO Bottle
- BP 100 Board Feet
- BR Barrel
- BX Box
- C3 Centiliter
- CA Case
- CC Cubic Centimeter
- CE Centigrade, Celsius

**Note 1:**

<b>Code</b>	<b>Name</b>
	<i>Degrees</i>
CF	Cubic Feet
CH	Container
CI	Cubic Inches
CM	Centimeter
CN	Can
CR	Cubic Meter
CT	Carton
CW	Hundred Pounds (CWT)
CX	Coil
CY	Cubic Yard
D1	Dollars, Canadian
DA	Days
DC	Disk (Disc)
DD	Degree
DG	Decigram
DL	Deciliter
DM	Decimeter
DO	Dollars, U.S.
DR	Drum
DS	Display
DZ	Dozen
EA	Each
EP	Eleven pack
F2	International Unit
	<b>Description:</b> <i>A unit accepted by an international agency; potency of a drug/vitamin based on a specific weight of that drug/vitamin</i>
FA	Fahrenheit
	<b>Note 1:</b>
	<i>Degrees</i>
FG	Transdermal Patch
	<b>Description:</b> <i>A drug delivery system which is placed on the skin and releases a drug at a constant rate through the skin</i>
FO	Fluid Ounce
FT	Foot
	<b>Note 1:</b>
	<i>Feet</i>
FZ	Fluid Ounce (Imperial)
	<b>Description:</b> <i>A liquid unit of measure equal to 1/20 (.05) pint (Imperial), 28.416 cubic centimeters, or 28.416 milliliters</i>
GA	Gallon
GN	Gross Gallons
GR	Gram
GS	Gross
H3	18-Pack
H5	22-Pack
H6	30-Pack

**Code Name**

H7	38-Pack
H8	62-Pack
H9	75-Pack
HC	Hundred Count
HL	Hundred Feet - Linear
HR	Hours
HS	Hundred Square Feet
IH	Inhaler
	<b>Description:</b> <i>Metered-dose pressurized method of getting medication into the lungs or nasal passages</i>
IN	Inch
J1	80-Pack
J3	81-Pack
J4	82-Pack
J5	84-Pack
J6	85-Pack
J7	96-Pack
J8	5000-Pack
J9	Left Unit
JC	Caplet
	<b>Description:</b> <i>To denote items in caplet form</i>
JL	Refill
	<b>Description:</b> <i>Refers to the number of refill units in a package</i>
JN	Pan
	<b>Description:</b> <i>Refers to items in a pan (such as eye shadow) and would be associated with the number of different colors</i>
JP	Prepack
	<b>Description:</b> <i>To indicate this is "n" assortment product with different UPC codes on it</i>
JS	Use
	<b>Description:</b> <i>Refers to the number of uses from a product (such as a box of laundry detergent that provides sixty washes)</i>
JT	Tin
	<b>Description:</b> <i>Refers to giftware products in a tin</i>
JV	Ovule
	<b>Description:</b> <i>Refers to products which come in "ovule" form</i>
JX	Exposure
	<b>Description:</b> <i>To be used to indicate the number of exposures on a roll of film</i>
KE	Keg
	<b>Description:</b> <i>A unit of weight equal to 100 pounds, used for nails</i>
KG	Kilogram
KT	Kit
L1	Right Unit
LB	Pound
LF	Linear Foot

**Note 1:**  
*Running Feet*

**Code Name**

LT Liter  
LY Linear Yard

**Note 1:**

*Running Yard*

M4 Monetary Value

MC Microgram

ME Milligram

MJ Minutes

ML Milliliter

MM Millimeter

MO Months

MR Meter

NG Net Gallons

OP Two pack

OZ Ounce - Av

P1 Percent

P3 Three pack

P4 Four-pack

P5 Five-pack

P6 Six pack

P7 Seven pack

P8 Eight-pack

P9 Nine pack

PC Piece

PD Pad

PF Pallet (Lift)

PH Pack (PAK)

PK Package

PL Pallet/Unit Load

PR Pair

PT Pint

QB Pages - Hardcopy

**Description:** *Number of printed pages delivered*

QT Quart

RL Roll

S9 Slip Sheet

**Description:** *A cardboard platform used for holding product for storage or transportation*

SH Sheet

ST Set

SX Shipment

SY Square Yard

SZ Syringe

**Description:** *Glass or plastic barrels used to administer fluid medication under the skin, into a vein artery, or into a muscle*

TB Tube

TC Truckload

**Code Name**

TE	Tote
TH	Thousand
TK	Tank
TM	Thousand Feet (Board)
TP	Ten-pack
TS	Thousand Square Feet
U2	Tablet

**Description:** *A compressed or molded block of solid material; a collection of sheet paper glued together at one edge*

UN	Unit
V2	Pouch
VI	Vial
WG	Wine Gallon
Y4	Tub

**Description:** *A measure used to identify a storage container*

YD	Yard
YR	Years
Z7	13-pack Marketing
Z9	14-pack Marketing
ZF	16-pack Marketing
ZG	48-pack Component Parts
ZH	51-pack Component Parts
ZI	52-pack Component Parts
ZJ	60-pack Gift Packs
ZK	72-pack Gift Packs
ZL	83-pack Gift Packs
ZM	10-pack Marketing
ZN	120-pack Promotional
ZO	150-pack Component Parts
ZQ	200-pack Component Parts
ZR	1000-pack Component Parts
ZS	15-Pack

**Syntax Rules:**

1. C0508 - If PKL05 is present, then PKL08 is required.
2. C0608 - If PKL06 is present, then PKL08 is required.
3. C0708 - If PKL07 is present, then PKL08 is required.
4. L08050607 - If PKL08 is present, then at least one of PKL05, PKL06 or PKL07 is required.
5. P0910 - If either PKL09 or PKL10 is present, then the other is required.
6. P1112 - If either PKL11 or PKL12 is present, then the other is required.

**Semantics:**

1. PKL04 is the Stock Keeping Unit (SKU) quantity.
2. PKL13 is used to designate whether the product identified in PKL02 is saleable by the manufacturer at that packaging level. Code "Y" indicates that the product is saleable by the manufacturer at that packaging level, and code "N" indicates that the product is not saleable by the manufacturer at that packaging level.

# Loop Subline Item Detail

Pos: 3500	Repeat: >1
Optional	
Loop: SLN	Elements: N/A

**User Option (Usage):** Used

**Purpose:** To specify product subline detail item data

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
3500	SLN	Subline Item Detail	O	1		Used

# SLN Subline Item Detail

Pos: 3500	Max: 1
Detail - Optional	
Loop: SLN	Elements: 24

**User Option (Usage):** Used

**Purpose:** To specify product subline detail item data

**Note 1:**

*This segment may be used to identify replacement .GTINs, e.g., when a vendor has replaced an existing GTIN with another, the old GTIN./Product ID/Color ID/Size ID should be specified in the SLN segment by using code S in SLN03 (the new GTIN/Product ID/Color ID/Size ID is in the LIN segment).*

*Prepacks/setpacks are identified in the LIN segment.*

*To specify the contents of a prepack/setpack, use the SLN segment with code I in SLN03. When changing the contents of an existing prepack/setpack, use code D or code I in SLN03 to either delete an existing GTIN or include a new GTIN to the prepack/setpack.*

*If SLN03 contains code D or code I, then SLN04 and SLN05 are required.*

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SLN01	350	<b>Assigned Identification</b>	M	AN	1/20	Must use
<b>Description:</b> Alphanumeric characters assigned for differentiation within a transaction set						
SLN03	662	<b>Relationship Code</b>	M	ID	1/1	Must use
<b>Description:</b> Code indicating the relationship between entities						
<b>CodeList Summary</b> (Total Codes: 6, Included: 3)						
<u>Code</u> <u>Name</u>						
D Delete						
I Included						
<b>Note 1:</b>						
<i>PREPACK/SETPACK BREAKDOWN - Each component GTIN is represented by its GTIN number and the quantity of this GTI N in the prepack/setpack.</i>						
S Substituted						
SLN04	380	<b>Quantity</b>	X	R	1/15	Used
<b>Description:</b> Numeric value of quantity						
<b>Note 1:</b> <i>The quantity of items, identified by the SLN, that are contained within the prepack/setpack (assortment) identified in the LIN segment.</i>						
SLN05	C001	<b>Composite Unit of Measure</b>	X	Comp		Used
<b>Description:</b> To identify a composite unit of measure(See Figures Appendix for examples of use)						
<b>Comments:</b>						
1. If C001-02 is not used, its value is to be interpreted as 1.						
2. If C001-03 is not used, its value is to be interpreted as 1.						
3. If C001-05 is not used, its value is to be interpreted as 1.						
4. If C001-06 is not used, its value is to be interpreted as 1.						
5. If C001-08 is not used, its value is to be interpreted as 1.						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		6. If C001-09 is not used, its value is to be interpreted as 1. 7. If C001-11 is not used, its value is to be interpreted as 1. 8. If C001-12 is not used, its value is to be interpreted as 1. 9. If C001-14 is not used, its value is to be interpreted as 1. 10. If C001-15 is not used, its value is to be interpreted as 1.				
SLN05-01	355	<b>Unit or Basis for Measurement Code</b>	M	ID	2/2	Must use
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		<b>CodeList Summary</b> (Total Codes: 905, Included: 2)				
		<b>Code Name</b>				
		CA Case				
		EA Each				
SLN09	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<b>CodeList Summary</b> (Total Codes: 546, Included: 5)				
		<b>Code Name</b>				
		CA Case				
		<b>Note 1:</b>				
		<i>GTIN EAN/UCC-14 digit Shipping Unit – the data structure for a 14-digit EAN.UCC Global Trade Item Number that uniquely identifies a manufacturer’s shipping unit encompassing non-consumer trade units such as cases, pallets and inner packs. The number includes the packaging indicator and check digit.</i>				
		EN GTIN-13				
		<b>Description:</b> A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items				
		EO GTIN-8				
		<b>Description:</b> An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items				
		UK GTIN-14				
		<b>Description:</b> A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items				
		UP GTIN-12				
		<b>Description:</b> A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items				
SLN10	234	<b>Product/Service ID</b>	X	AN	1/80	Used
		<b>Description:</b> Identifying number for a product or service				
SLN11	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<b>CodeList Summary</b> (Total Codes: 546, Included: 33)				
		<b>Code Name</b>				
		AG Age				



**Code Name**

**Description:** *The period during which, after distillation and before bottling, distilled spirits have been stored in oak containers*

**Note 1:**

*Used only by the alcohol beverage industry.*

BC Supplier Brand Code

BL Brand/Label

BO Buyers Color

BV Beverage Common Code

**Note 1:**

*Used only by the alcohol beverage industry.  
See External Code Source 467 in Section III for reference document.*

CA Case

**Note 1:**

*GTIN EAN/UCC-14 digit Shipping Unit – the data structure for a 14-digit EAN.UCC Global Trade Item Number that uniquely identifies a manufacturer's shipping unit encompassing non-consumer trade units such as cases, pallets and inner packs. The number includes the packaging indicator and check digit.*

CG Commodity Grouping

CH Country of Origin Code

CM National Retail Federation Color Code

**Note 1:**

*This is the three-digit NRF code.  
See External Code Source 88 in Section III for reference document.*

CN Commodity Name

**Note 1:**

*Used only by the alcohol beverage industry.*

EN GTIN-13

**Description:** *A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items*

EO GTIN-8

**Description:** *An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items*

FV Drug Identification Number (DIN)

**Note 1:**

*See External Code Source 874 in Section III for reference document.*

IN Buyer's Item Number

IS International Standard Serial Number (ISSN)

IT Buyer's Style Number

IZ Buyer's Size Code

LT Lot Number

MN Model Number

ND National Drug Code (NDC)

**Note 1:**

*Used only by the Canadian pharmaceutical retail industry.*

P8 Retail Price Look Up Number (PLU)

PJ Product Date Code (A code indicating the period during which a product was manufactured.)

PL Purchaser's Order Line Number

**Code Name**

SM National Retail Federation Size Code

**Note 1:**

*This is the five-digit NRF code.  
See External Code Source 88 in Section III for reference document.*

SZ Vendor Alphanumeric Size Code

UC Product Variant

**Note 1:**

*The two or five digit code used to further define the contents of a consumer unit or multipack, also referred to as an ADD-ON code.*

UK GTIN-14

**Description:** A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

UP GTIN-12

**Description:** A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items

VA Vendor's Style Number

VE Vendor Color

VN Vendor's (Seller's) Item Number

VT Vintage

**Description:** The harvest year of the grapes that are part of the composition of a particular wine

**Note 1:**

*Used only by the alcohol beverage industry.*

ZZ Mutually Defined

**Note 1:**

*Self-Identifying Container via Radio Frequency ID Device*

SLN12	234	<b>Product/Service ID</b>	X	AN	1/80	Used
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**Description:** Identifying number for a product or service

SLN13	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
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**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**CodeList Summary (Total Codes: 546, Included: 33)**

**Code Name**

AG Age

**Description:** The period during which, after distillation and before bottling, distilled spirits have been stored in oak containers

**Note 1:**

*Used only by the alcohol beverage industry.*

BC Supplier Brand Code

BL Brand/Label

BO Buyers Color

BV Beverage Common Code

**Note 1:**

*Used only by the alcohol beverage industry.  
See External Code Source 467 in Section III for reference document.*

**Code Name**

CA Case

**Note 1:**

*GTIN EAN/UCC-14 digit Shipping Unit – the data structure for a 14-digit EAN.UCC Global Trade Item Number that uniquely identifies a manufacturer’s shipping unit encompassing non-consumer trade units such as cases, pallets and inner packs. The number includes the packaging indicator and check digit.*

CG Commodity Grouping

CH Country of Origin Code

CM National Retail Federation Color Code

**Note 1:**

*This is the three-digit NRF code.  
See External Code Source 88 in Section III for reference document.*

CN Commodity Name

**Note 1:**

*Used only by the alcohol beverage industry.*

EN GTIN-13

**Description:** *A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items*

EO GTIN-8

**Description:** *An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items*

FV Drug Identification Number (DIN)

**Note 1:**

*See External Code Source 874 in Section III for reference document.*

IN Buyer's Item Number

IS International Standard Serial Number (ISSN)

IT Buyer's Style Number

IZ Buyer's Size Code

LT Lot Number

MN Model Number

ND National Drug Code (NDC)

**Note 1:**

*Used only by the Canadian pharmaceutical retail industry.*

P8 Retail Price Look Up Number (PLU)

PJ Product Date Code (A code indicating the period during which a product was manufactured.)

PL Purchaser's Order Line Number

SM National Retail Federation Size Code

**Note 1:**

*This is the five-digit NRF code.  
See External Code Source 88 in Section III for reference document.*

SZ Vendor Alphanumeric Size Code

UC Product Variant

**Note 1:**

*The two or five digit code used to further define the contents of a consumer unit or multipack, also referred to as an ADD-ON code.*

UK GTIN-14

**Description:** *A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1*

<u>Code</u>	<u>Name</u>
	<i>Company Prefix, Item Reference and Check Digit used to identify trade items</i>
UP	GTIN-12 <b>Description:</b> <i>A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items</i>
VA	Vendor's Style Number
VE	Vendor Color
VN	Vendor's (Seller's) Item Number
VT	Vintage <b>Description:</b> <i>The harvest year of the grapes that are part of the composition of a particular wine</i> <b>Note 1:</b> <i>Used only by the alcohol beverage industry.</i>
ZZ	Mutually Defined <b>Note 1:</b> <i>Self-Identifying Container via Radio Frequency ID Device</i>

SLN14	234	<b>Product/Service ID</b>	X	AN	1/80	Used
		<b>Description:</b> Identifying number for a product or service				
SLN15	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)				

**CodeList Summary** (Total Codes: 546, Included: 33)

<u>Code</u>	<u>Name</u>
AG	Age <b>Description:</b> <i>The period during which, after distillation and before bottling, distilled spirits have been stored in oak containers</i> <b>Note 1:</b> <i>Used only by the alcohol beverage industry.</i>
BC	Supplier Brand Code
BL	Brand/Label
BO	Buyers Color
BV	Beverage Common Code <b>Note 1:</b> <i>Used only by the alcohol beverage industry. See External Code Source 467 in Section III for reference document.</i>
CA	Case <b>Note 1:</b> <i>GTIN EAN/UCC-14 digit Shipping Unit – the data structure for a 14-digit EAN.UCC Global Trade Item Number that uniquely identifies a manufacturer's shipping unit encompassing non-consumer trade units such as cases, pallets and inner packs. The number includes the packaging indicator and check digit.</i>
CG	Commodity Grouping
CH	Country of Origin Code
CM	National Retail Federation Color Code <b>Note 1:</b> <i>This is the three-digit NRF code. See External Code Source 88 in Section III for reference document.</i>

**Code Name**

CN Commodity Name

**Note 1:***Used only by the alcohol beverage industry.*

EN GTIN-13

**Description:** *A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items*

EO GTIN-8

**Description:** *An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items*

FV Drug Identification Number (DIN)

**Note 1:***See External Code Source 874 in Section III for reference document.*

IN Buyer's Item Number

IS International Standard Serial Number (ISSN)

IT Buyer's Style Number

IZ Buyer's Size Code

LT Lot Number

MN Model Number

ND National Drug Code (NDC)

**Note 1:***Used only by the Canadian pharmaceutical retail industry.*

P8 Retail Price Look Up Number (PLU)

PJ Product Date Code (A code indicating the period during which a product was manufactured.)

PL Purchaser's Order Line Number

SM National Retail Federation Size Code

**Note 1:***This is the five-digit NRF code.**See External Code Source 88 in Section III for reference document.*

SZ Vendor Alphanumeric Size Code

UC Product Variant

**Note 1:***The two or five digit code used to further define the contents of a consumer unit or multipack, also referred to as an ADD-ON code.*

UK GTIN-14

**Description:** *A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items*

UP GTIN-12

**Description:** *A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items*

VA Vendor's Style Number

VE Vendor Color

VN Vendor's (Seller's) Item Number

VT Vintage

**Description:** *The harvest year of the grapes that are part of the composition of a particular wine***Note 1:**

**Code Name**

*Used only by the alcohol beverage industry.*

ZZ Mutually Defined

**Note 1:**

*Self-Identifying Container via Radio Frequency ID Device*

SLN16 234 **Product/Service ID** X AN 1/80 Used

**Description:** Identifying number for a product or service

SLN17 235 **Product/Service ID Qualifier** X ID 2/2 Used

**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**CodeList Summary** (Total Codes: 546, Included: 33)

**Code Name**

AG Age

**Description:** *The period during which, after distillation and before bottling, distilled spirits have been stored in oak containers*

**Note 1:**

*Used only by the alcohol beverage industry.*

BC Supplier Brand Code

BL Brand/Label

BO Buyers Color

BV Beverage Common Code

**Note 1:**

*Used only by the alcohol beverage industry.  
See External Code Source 467 in Section III for reference document.*

CA Case

**Note 1:**

*GTIN EAN/UCC-14 digit Shipping Unit – the data structure for a 14-digit EAN.UCC Global Trade Item Number that uniquely identifies a manufacturer’s shipping unit encompassing non-consumer trade units such as cases, pallets and inner packs. The number includes the packaging indicator and check digit.*

CG Commodity Grouping

CH Country of Origin Code

CM National Retail Federation Color Code

**Note 1:**

*This is the three-digit NRF code.  
See External Code Source 88 in Section III for reference document.*

CN Commodity Name

**Note 1:**

*Used only by the alcohol beverage industry.*

EN GTIN-13

**Description:** *A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items*

EO GTIN-8

**Description:** *An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items*

FV Drug Identification Number (DIN)

**Code Name**

**Note 1:**  
See External Code Source 874 in Section III for reference document.

- IN Buyer's Item Number
- IS International Standard Serial Number (ISSN)
- IT Buyer's Style Number
- IZ Buyer's Size Code
- LT Lot Number
- MN Model Number
- ND National Drug Code (NDC)

**Note 1:**  
Used only by the Canadian pharmaceutical retail industry.

- P8 Retail Price Look Up Number (PLU)
- PJ Product Date Code (A code indicating the period during which a product was manufactured.)
- PL Purchaser's Order Line Number
- SM National Retail Federation Size Code

**Note 1:**  
This is the five-digit NRF code.  
See External Code Source 88 in Section III for reference document.

- SZ Vendor Alphanumeric Size Code
- UC Product Variant

**Note 1:**  
The two or five digit code used to further define the contents of a consumer unit or multipack, also referred to as an ADD-ON code.

- UK GTIN-14  
**Description:** A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

- UP GTIN-12  
**Description:** A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items

- VA Vendor's Style Number
- VE Vendor Color
- VN Vendor's (Seller's) Item Number
- VT Vintage

**Description:** The harvest year of the grapes that are part of the composition of a particular wine

**Note 1:**  
Used only by the alcohol beverage industry.

- ZZ Mutually Defined

**Note 1:**  
Self-Identifying Container via Radio Frequency ID Device

SLN18	234	<b>Product/Service ID</b>	X	AN	1/80	Used
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**Description:** Identifying number for a product or service

SLN19	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
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**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
------------	-----------	---------------------	------------	-------------	----------------	--------------

**CodeList Summary** (Total Codes: 546, Included: 33)

**Code Name**

AG Age

**Description:** *The period during which, after distillation and before bottling, distilled spirits have been stored in oak containers*

**Note 1:**

*Used only by the alcohol beverage industry.*

BC Supplier Brand Code

BL Brand/Label

BO Buyers Color

BV Beverage Common Code

**Note 1:**

*Used only by the alcohol beverage industry.  
See External Code Source 467 in Section III for reference document.*

CA Case

**Note 1:**

*GTIN EAN/UCC-14 digit Shipping Unit – the data structure for a 14-digit EAN.UCC Global Trade Item Number that uniquely identifies a manufacturer's shipping unit encompassing non-consumer trade units such as cases, pallets and inner packs. The number includes the packaging indicator and check digit.*

CG Commodity Grouping

CH Country of Origin Code

CM National Retail Federation Color Code

**Note 1:**

*This is the three-digit NRF code.  
See External Code Source 88 in Section III for reference document.*

CN Commodity Name

**Note 1:**

*Used only by the alcohol beverage industry.*

EN GTIN-13

**Description:** *A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items*

EO GTIN-8

**Description:** *An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items*

FV Drug Identification Number (DIN)

**Note 1:**

*See External Code Source 874 in Section III for reference document.*

IN Buyer's Item Number

IS International Standard Serial Number (ISSN)

IT Buyer's Style Number

IZ Buyer's Size Code

LT Lot Number

MN Model Number

ND National Drug Code (NDC)

**Note 1:**

*Used only by the Canadian pharmaceutical retail industry.*



**Code Name**

- P8 Retail Price Look Up Number (PLU)
- PJ Product Date Code (A code indicating the period during which a product was manufactured.)
- PL Purchaser's Order Line Number
- SM National Retail Federation Size Code

**Note 1:**

*This is the five-digit NRF code.  
See External Code Source 88 in Section III for reference document.*

- SZ Vendor Alphanumeric Size Code
- UC Product Variant

**Note 1:**

*The two or five digit code used to further define the contents of a consumer unit or multipack, also referred to as an ADD-ON code.*

- UK GTIN-14

**Description:** A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

- UP GTIN-12

**Description:** A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items

- VA Vendor's Style Number
- VE Vendor Color
- VN Vendor's (Seller's) Item Number
- VT Vintage

**Description:** The harvest year of the grapes that are part of the composition of a particular wine

**Note 1:**

*Used only by the alcohol beverage industry.*

- ZZ Mutually Defined

**Note 1:**

*Self-Identifying Container via Radio Frequency ID Device*

SLN20	234	<b>Product/Service ID</b>	X	AN	1/80	Used
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**Description:** Identifying number for a product or service

SLN21	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
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**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**CodeList Summary** (Total Codes: 546, Included: 33)

**Code Name**

- AG Age
- Description:** The period during which, after distillation and before bottling, distilled spirits have been stored in oak containers

**Note 1:**

*Used only by the alcohol beverage industry.*

- BC Supplier Brand Code
- BL Brand/Label
- BO Buyers Color

**Code Name**

BV	Beverage Common Code
	<b>Note 1:</b> <i>Used only by the alcohol beverage industry. See External Code Source 467 in Section III for reference document.</i>
CA	Case
	<b>Note 1:</b> <i>GTIN EAN/UCC-14 digit Shipping Unit – the data structure for a 14-digit EAN.UCC Global Trade Item Number that uniquely identifies a manufacturer's shipping unit encompassing non-consumer trade units such as cases, pallets and inner packs. The number includes the packaging indicator and check digit.</i>
CG	Commodity Grouping
CH	Country of Origin Code
CM	National Retail Federation Color Code
	<b>Note 1:</b> <i>This is the three-digit NRF code. See External Code Source 88 in Section III for reference document.</i>
CN	Commodity Name
	<b>Note 1:</b> <i>Used only by the alcohol beverage industry.</i>
EN	GTIN-13
	<b>Description:</b> <i>A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items</i>
EO	GTIN-8
	<b>Description:</b> <i>An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items</i>
FV	Drug Identification Number (DIN)
	<b>Note 1:</b> <i>See External Code Source 874 in Section III for reference document.</i>
IN	Buyer's Item Number
IS	International Standard Serial Number (ISSN)
IT	Buyer's Style Number
IZ	Buyer's Size Code
LT	Lot Number
MN	Model Number
ND	National Drug Code (NDC)
	<b>Note 1:</b> <i>Used only by the Canadian pharmaceutical retail industry.</i>
P8	Retail Price Look Up Number (PLU)
PJ	Product Date Code (A code indicating the period during which a product was manufactured.)
PL	Purchaser's Order Line Number
SM	National Retail Federation Size Code
	<b>Note 1:</b> <i>This is the five-digit NRF code. See External Code Source 88 in Section III for reference document.</i>
SZ	Vendor Alphanumeric Size Code
UC	Product Variant
	<b>Note 1:</b>

**Code Name**

*The two or five digit code used to further define the contents of a consumer unit or multipack, also referred to as an ADD-ON code.*

UK GTIN-14  
**Description:** A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

UP GTIN-12  
**Description:** A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items

VA Vendor's Style Number  
 VE Vendor Color  
 VN Vendor's (Seller's) Item Number  
 VT Vintage

**Description:** The harvest year of the grapes that are part of the composition of a particular wine

**Note 1:**  
*Used only by the alcohol beverage industry.*

ZZ Mutually Defined

**Note 1:**  
*Self-Identifying Container via Radio Frequency ID Device*

SLN22	234	<b>Product/Service ID</b>	X	AN	1/80	Used
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**Description:** Identifying number for a product or service

SLN23	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
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**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**CodeList Summary** (Total Codes: 546, Included: 33)

**Code Name**

AG Age  
**Description:** The period during which, after distillation and before bottling, distilled spirits have been stored in oak containers

**Note 1:**  
*Used only by the alcohol beverage industry.*

BC Supplier Brand Code  
 BL Brand/Label  
 BO Buyers Color  
 BV Beverage Common Code

**Note 1:**  
*Used only by the alcohol beverage industry.  
 See External Code Source 467 in Section III for reference document.*

CA Case  
**Note 1:**  
*GTIN EAN/UCC-14 digit Shipping Unit – the data structure for a 14-digit EAN.UCC Global Trade Item Number that uniquely identifies a manufacturer's shipping unit encompassing non-consumer trade units such as cases, pallets and inner packs. The number includes the packaging indicator and check digit.*

CG Commodity Grouping  
 CH Country of Origin Code

<b>Code</b>	<b>Name</b>
CM	National Retail Federation Color Code
	<b>Note 1:</b> <i>This is the three-digit NRF code. See External Code Source 88 in Section III for reference document.</i>
CN	Commodity Name
	<b>Note 1:</b> <i>Used only by the alcohol beverage industry.</i>
EN	GTIN-13
	<b>Description:</b> <i>A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items</i>
EO	GTIN-8
	<b>Description:</b> <i>An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items</i>
FV	Drug Identification Number (DIN)
	<b>Note 1:</b> <i>See External Code Source 874 in Section III for reference document.</i>
IN	Buyer's Item Number
IS	International Standard Serial Number (ISSN)
IT	Buyer's Style Number
IZ	Buyer's Size Code
LT	Lot Number
MN	Model Number
ND	National Drug Code (NDC)
	<b>Note 1:</b> <i>Used only by the Canadian pharmaceutical retail industry.</i>
P8	Retail Price Look Up Number (PLU)
PJ	Product Date Code (A code indicating the period during which a product was manufactured.)
PL	Purchaser's Order Line Number
SM	National Retail Federation Size Code
	<b>Note 1:</b> <i>This is the five-digit NRF code. See External Code Source 88 in Section III for reference document.</i>
SZ	Vendor Alphanumeric Size Code
UC	Product Variant
	<b>Note 1:</b> <i>The two or five digit code used to further define the contents of a consumer unit or multipack, also referred to as an ADD-ON code.</i>
UK	GTIN-14
	<b>Description:</b> <i>A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items</i>
UP	GTIN-12
	<b>Description:</b> <i>A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items</i>
VA	Vendor's Style Number
VE	Vendor Color
VN	Vendor's (Seller's) Item Number

**Code Name**

VT Vintage  
**Description:** *The harvest year of the grapes that are part of the composition of a particular wine*

**Note 1:**  
*Used only by the alcohol beverage industry.*

ZZ Mutually Defined

**Note 1:**  
*Self-Identifying Container via Radio Frequency ID Device*

SLN24	234	<b>Product/Service ID</b>	X	AN	1/80	Used
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**Description:** Identifying number for a product or service

SLN25	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
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**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**CodeList Summary** (Total Codes: 546, Included: 33)

**Code Name**

AG Age  
**Description:** *The period during which, after distillation and before bottling, distilled spirits have been stored in oak containers*

**Note 1:**  
*Used only by the alcohol beverage industry.*

BC Supplier Brand Code

BL Brand/Label

BO Buyers Color

BV Beverage Common Code

**Note 1:**  
*Used only by the alcohol beverage industry.  
 See External Code Source 467 in Section III for reference document.*

CA Case

**Note 1:**  
*GTIN EAN/UCC-14 digit Shipping Unit – the data structure for a 14-digit EAN.UCC Global Trade Item Number that uniquely identifies a manufacturer’s shipping unit encompassing non-consumer trade units such as cases, pallets and inner packs. The number includes the packaging indicator and check digit.*

CG Commodity Grouping

CH Country of Origin Code

CM National Retail Federation Color Code

**Note 1:**  
*This is the three-digit NRF code.  
 See External Code Source 88 in Section III for reference document.*

CN Commodity Name

**Note 1:**  
*Used only by the alcohol beverage industry.*

EN GTIN-13

**Description:** *A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items*



<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SLN27	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used

**Description:** Identifying number for a product or service

**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**CodeList Summary** (Total Codes: 546, Included: 33)

**Code Name**

AG

Age

**Description:** *The period during which, after distillation and before bottling, distilled spirits have been stored in oak containers*

**Note 1:**

*Used only by the alcohol beverage industry.*

BC

Supplier Brand Code

BL

Brand/Label

BO

Buyers Color

BV

Beverage Common Code

**Note 1:**

*Used only by the alcohol beverage industry.*

*See External Code Source 467 in Section III for reference document.*

CA

Case

**Note 1:**

*GTIN EAN/UCC-14 digit Shipping Unit – the data structure for a 14-digit EAN.UCC Global Trade Item Number that uniquely identifies a manufacturer's shipping unit encompassing non-consumer trade units such as cases, pallets and inner packs. The number includes the packaging indicator and check digit.*

CG

Commodity Grouping

CH

Country of Origin Code

CM

National Retail Federation Color Code

**Note 1:**

*This is the three-digit NRF code.*

*See External Code Source 88 in Section III for reference document.*

CN

Commodity Name

**Note 1:**

*Used only by the alcohol beverage industry.*

EN

GTIN-13

**Description:** *A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items*

EO

GTIN-8

**Description:** *An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items*

FV

Drug Identification Number (DIN)

**Note 1:**

*See External Code Source 874 in Section III for reference document.*

IN

Buyer's Item Number

IS

International Standard Serial Number (ISSN)

IT

Buyer's Style Number

IZ

Buyer's Size Code





9. P1920 - If either SLN19 or SLN20 is present, then the other is required.
10. P2122 - If either SLN21 or SLN22 is present, then the other is required.
11. P2324 - If either SLN23 or SLN24 is present, then the other is required.
12. P2526 - If either SLN25 or SLN26 is present, then the other is required.
13. P2728 - If either SLN27 or SLN28 is present, then the other is required.

### **Semantics:**

1. SLN01 is the identifying number for the subline item.
2. SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
3. SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
4. SLN08 is a code indicating the relationship of the price or amount to the associated segment.

### **Comments:**

1. See the Data Element Dictionary for a complete list of IDs.
2. SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
3. SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., ISBN No., Model No., or SKU.

# CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

**User Option (Usage):** Used

**Purpose:** To transmit a hash total for a specific element in the transaction set

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	Number of Line Items	M	N0	1/6	Must use

**Description:** Total number of line items in the transaction set

**Note 1:** *The number of LIN segments present in the transaction set*

## Syntax Rules:

1. P0304 - If either CTT03 or CTT04 is present, then the other is required.
2. P0506 - If either CTT05 or CTT06 is present, then the other is required.

## Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

# SE Transaction Set Trailer

Pos: 0200	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use

**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	<b>Number of Included Segments</b>	M	N0	1/10	Must use

**Description:** Total number of segments included in a transaction set including ST and SE segments

SE02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
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**Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

**Note 1:** *This must be the same number as is in the ST segment (ST02) for the transaction set.*

## Comments:

1. SE is the last segment of each transaction set.