TRACELINK UNIVERSITY

Grocery products purchase order transactions

The Grocery Products Purchase Order enables a customer to request delivery of consumer packaged goods (CPG) from a supplier within grocery and wholesale supply chains. This industry-specific message supports grocery trade practices, including promotional pricing, trade allowances, and distribution requirements, making it more suitable than a generic purchase order for CPG transactions.

Organizations use the Grocery Products Purchase Order to place new orders and manage inventory replenishment while communicating key details such as pricing, delivery schedules, and routing instructions. It helps align ordering, logistics, and inventory planning between trading partners, ensuring accurate and consistent order execution.

By standardizing how purchase orders are created and shared, the Grocery Products Purchase Order improves ordering accuracy, streamlines delivery coordination, and supports efficient, high-volume supply chain operations.

Grocery Products Purchase Order (X12)

The Grocery Products Purchase Order transaction requests delivery of consumer packaged goods from a supplier while supporting grocery-specific trade practices, pricing, and distribution requirements.

Contact your TraceLink Services representative for more information about integrating with this message.

- **Message Type**: MPC_GROCERY_PRODUCTS_PURHCASE_ORDER
- **X12 Format**: X12 875
- **Transform Names**:
    - B2B_EDI_X12_875_GroceryProductsPurchaseOrder_IB_V1
    - B2B_EDI_X12_875_GroceryProductsPurchaseOrder_OB_V1

Guidelines

Input Element	Occurs	Length	Description	Example
ISA	1...1	-	**Required.** ISA interchange envelope.	-
ISA01	1...1	2/2	**Required.** Qualifier for authorization control number in ISA02. Valid values: • 00 - No authorization info present. TL: Read ServiceLinkId from GS segment. • 03 - Additional data identification. TL: Read ServiceLinkId from REF segment in HL level shipment WHERE REF01 = ME.	00
ISA02	1...1	10/10	**Required.** Information used for additional identification or authorization of the interchange sender or the data in the interchange/ 10 spaces a valid entry.	-
ISA03	1...1	2/2	**Required.** Qualifier for security information in ISA04. Valid values: • 00 - No security information present • 01 - Password	00
ISA04	1...1	10/10	**Required.** Identifies security information about the interchange sender or data.	-
ISA05	1...1	2/2	**Required.** Interchange sender partner ID qualifier. **Valid values:** • 01 – Duns (Dun & Bradstreet). • 02 – Standard Carrier Alpha Code. • 03 – Federal Maritime Commission. • 04 – International Air Transport Association. • 07 – Global Location Number (GLN). • 08 – UCC EDI Communications ID (Comm ID). • 09 – X.121 (CCITT). • 10 – Department of Defense (DoD) Activity Address Code. • 11 – Drug Enforcement Administration identifier. • 12 – Telephone Companies. • 13 – Used for UCS Transmissions. Includes Area Code and Telephone Number of a Modem. • 14 – Duns Plus Suffix. • 15 – Petroleum Accountants Society of Canada Company Code. • 16 – DINS Number With 4-Character Suffix. • 17 – American Bankers Association (ABA) Transit Routing Number (Including Check Digit, 9 Digit). • 18 – Association of American Railroads (AAR) Standard Distribution Code. • 19 – EDI Council of Australia (EDICA) Communications ID Number (COMM ID). • 20 – Health Industry Number (HIN). • 21 – Integrated Postsecondary Education Data System. • 22 – Federal Interagency Commission on Education, or FICE. • 23 – National Center for Education Statistics Common Core of Data 12-Digit Number for Pre-K-Grade 12 Institutes. • 24 – The College Board's Admission Testing Program 4-Digit Code of Postsecondary Institutes, or ATP. • 25 – 4-Digit Code of Postsecondary Institutions. • 26 – Statistics of Canada List of Postsecondary Institutions. • 27 – Carrier Identification Number as assigned by Health Care Financing Administration (HCFA). • 28 – Fiscal Intermediary Identification Number as assigned by Health Care Financing Administration (HCFA). • 29 – Medicare Provider and Supplier Identification Number assigned by Health Care Financing Administration (HCFA). • 30 – U.S. Federal Tax Identification Number. • 31 – Jurisdiction Identification Number Plus 4 assigned by the International Association of Industrial Accident Boards and Commissions (IAIABC). • 32 – U.S. Federal Employer Identification Number (FEIN). • 33 – National Association of Insurance Commissioners Company Code (NAIC). • 34 – Medicaid Provider and Supplier Identification Number as assigned by individual State Medicaid Agencies in conjunction with Health Care Financing Administration (HCFA). • 35 – Statistics Canada Canadian College Student Information System Institution Codes • 36 – Statistics Canada University Student Information System Institution Codes. • 37 – Society of Property Information Compilers and Analysts (SPICA). • 38 – The College Board and ACT, Inc. 6-Digit Code List of Secondary Institutions. • AM – Association Mexicana del Codigo de Producto (AMECOP) Communication ID. • NR – National Retail Merchants Association (NRMA) - Assigned. • SA – User Identification Number as assigned by the Safety and the Fitness Electronic Records (SAFER) System. • SN – Standard Address Number. • ZZ – Mutually Defined.	07
ISA06	1...1	15/15	**Required.** EDI sender ID mapping to file control header and to ServiceLinkId.	7777776067344

Input Element	Occurs	Length	Description	Example
ISA07	1...1	2/2	**Required.** Interchange receiver partner ID qualifier. **Valid values:** • 01 – Duns (Dun & Bradstreet). • 02 – Standard Carrier Alpha Code. • 03 – Federal Maritime Commission. • 04 – International Air Transport Association. • 07 – Global Location Number (GLN). • 08 – UCC EDI Communications ID (Comm ID). • 09 – X.121 (CCITT). • 10 – Department of Defense (DoD) Activity Address Code. • 11 – Drug Enforcement Administration identifier. • 12 – Telephone Companies. • 13 – Used for UCS Transmissions. Includes Area Code and Telephone Number of a Modem. • 14 – Duns Plus Suffix. • 15 – Petroleum Accountants Society of Canada Company Code. • 16 – DINS Number With 4-Character Suffix. • 17 – American Bankers Association (ABA) Transit Routing Number (Including Check Digit, 9 Digit). • 18 – Association of American Railroads (AAR) Standard Distribution Code. • 19 – EDI Council of Australia (EDICA) Communications ID Number (COMM ID). • 20 – Health Industry Number (HIN). • 21 – Integrated Postsecondary Education Data System. • 22 – Federal Interagency Commission on Education, or FICE. • 23 – National Center for Education Statistics Common Core of Data 12-Digit Number for Pre-K-Grade 12 Institutes. • 24 – The College Board's Admission Testing Program 4-Digit Code of Postsecondary Institutes, or ATP. • 25 – 4-Digit Code of Postsecondary Institutions. • 26 – Statistics of Canada List of Postsecondary Institutions. • 27 – Carrier Identification Number as assigned by Health Care Financing Administration (HCFA). • 28 – Fiscal Intermediary Identification Number as assigned by Health Care Financing Administration (HCFA). • 29 – Medicare Provider and Supplier Identification Number assigned by Health Care Financing Administration (HCFA). • 30 – U.S. Federal Tax Identification Number. • 31 – Jurisdiction Identification Number Plus 4 assigned by the International Association of Industrial Accident Boards and Commissions (IAIABC). • 32 – U.S. Federal Employer Identification Number (FEIN). • 33 – National Association of Insurance Commissioners Company Code (NAIC). • 34 – Medicaid Provider and Supplier Identification Number as assigned by individual State Medicaid Agencies in conjunction with Health Care Financing Administration (HCFA). • 35 – Statistics Canada Canadian College Student Information System Institution Codes • 36 – Statistics Canada University Student Information System Institution Codes. • 37 – Society of Property Information Compilers and Analysts (SPICA). • 38 – The College Board and ACT, Inc. 6-Digit Code List of Secondary Institutions. • AM – Association Mexicana del Codigo de Producto (AMECOP) Communication ID. • NR – National Retail Merchants Association (NRMA) - Assigned. • SA – User Identification Number as assigned by the Safety and the Fitness Electronic Records (SAFER) System. • SN – Standard Address Number. • ZZ – Mutually Defined.	07
ISA08	1...1	15/15	**Required.** EDI receiver ID mapping to file control header.	888888404358877
ISA09	1...1	6/6	**Required.** Interchange date in 6 char YYMMDD format.	260620
ISA10	1...1	4/4	**Required.** Interchange time in 4 char HHMM format.	1420
ISA11	1...1	1/1	**Required.** Repetition separator. Delimiter that separates repeated occurrences of a data element or composite data structure. Must be different than the data element separator, component separator, and segment terminator.	:
ISA12	1...1	5/5	**Required.** Interchange control version number. Valid value = “00401”	00501
ISA13	1...1	9/9	**Required.** Interchange Control Number for file control header.	0000000000619827
ISA14	1...1	1/1	**Required.** Interchange level acknowledgment requested. Valid values: • 0 - No acknowledgment requested • 1 - Interchange level acknowledgment requested	0
ISA15	1...1	1/1	**Required.** Indicates whether the interchange is for production, test, or information purposes. Valid values: • I - Information • P - Production data • T - Test data	P
ISA16	1...1	1/1	**Required.** Component element separator. Delimiter that separates data elements within a composite data structure. Must be different than the data element separator and segment terminator.	>
GS	1...1	-	**Required.** GS group functional envelope. Child of ISA. Only one GS group expected per interchange.	-
GS01	1...1	2/2	**Required.** GS group function code. Valid value: • OG - Order Group - Grocery (875, 876)	OG
GS02	1...1	2/15	**Required.** Application Sender's Code.	2222224043588
GS03	1...1	2/15	**Required.** Application Receiver's Code.	TRACELINK
GS04	1...1	8/8	**Required.** Current date stamp in 8 char X12 date format YYYYMMDD.	260620
GS05	1...1	4/8	**Required.** Current time stamp in 6 char X12 time format HHMMSS.	142000
GS06	1...1	1/9	**Required.** Group Control ID Number.	619827
GS07	1...1	1/2	**Required.** Responsible Agency Code. Valid value is X.	X
GS08	1...1	1/12	**Required.** X12 message version code. Valid value is 004010.	005010
ST	1...*	-	ST transaction set envelope. Child of GS group. Only one ST transaction expected.	-
ST01	1...1	3/3	**Required.** Transaction set identifier code.	875
ST02	1...1	4/9	**Required.** Transaction set ID number. Counter for each ST segment beginning with 1.	1
G50	1...1	-	**Required.** Beginning segment for Grocery Purchase Order.	-
G5001	1...1	1/1	**Required.** Transaction purpose code. Valid values: • N - Original • C - Confirm • F - Cancel	N
G5002	1...1	8/8	**Required.** Purchase order date in X12 date format YYYYMMDD.	20260620
G5003	1...1	1/22	**Required.** Purchase Order number.	4506733288
N9	0...*	-	Extended reference information.	-

Input Element	Occurs	Length	Description	Example
N901	1....1	2/3	Extended reference identification qualifier. **Valid values** • 11 - Account Number • 14 - Master account number • 19 - Division identifier • 33 - Lender Case Number • 87 - Functional category • 1J - Facility ID Number • 1W - Group purchasing organization member identifier • 2I - Tracking Number • 2U - Payer Identification number for 340B programs • 3Y - Receiver Assigned Drop Zone • 4F - Carrier-assigned Shipper Number • 4N - Special Payment Reference Number • 6A - Consignee reference • 6L - Agent contract number • 6O - Cross Reference number • 7W - Interchange Train Identification • 8V - A credit reference number is a credit memo issued on the return of an original invoice number • 8X - Transaction Category • 9F - Referral Number • 9V - Payment Category • 9X - Account type/category • AAL - Booking agent reference • AAO - Carrier Assigned Code • ABS - Vessel Name • ACC - Status • ACD - Class Code • ACT - Accounting Code • ADI - Processor Identification Number • ADT - Full Denial Reason Identifier • AEM - Distribution center identifier • AF - Airlines Flight Identification Number • AHC - Air Handling Code • AO - Appointment Number • AW - Air way bill Number • BN - Booking number • BP - Adjustment control number • BS - Split booking reference number • C8 - Corrected contract number • CC - Collect Loads or Contract Co-op Number • CE - Class of contract code • CQ - Customs house broker license number • CR - Customer reference Number • CT - Contract number • DH - US Drug Enforcement agency identifier • DI - Distributor Invoice Number • DJ - Delivery ticket number as reference from shippers / carrier / consignees system • DNS - DUNS number with four character suffix • DP - Department identifier • DQ - Delivery Quote Number • E7 - Service Bulletin Number • ED - Customs export declaration reference Number • EP - Export License Number • EQ - Equipment number • EVI - Event Identification • FI - File Identifier • FN - Freight forwarder reference identifier • GT - Goods and service tax registration number • HI - US Health Industry Number • HR - Horsepower • HS - Harmonized code system (Canada) • IA - Internal vendor Number • IT - Internal customer number • IX - Item number • JH - Other tag number • KK - Proof Of Delivery • KL - Contract reference number • L1 - Letters or notes • LI - Line item number • LO - Load planning reference number • LT - Lot or batch number • LU - GS1-US Global Location Number (GLN) • MH - Manufacturing order number • MR - Merchandise type code • MTI - Master Tracking Number • NB - Letter of credit Number • OC - Ocean container number • OD - Original Return Request Reference Number • ON - Buyer assigned order identifier number • OT - Sales Allowance Number • P1 - Previous contract number • P2 - Previous DEA identifier • P3 - Previous HIN identifier • P7 - Product line number • P8 - Pickup reference number • PD - Promotion deal number • PE - Plant number • PHC - Process Handling Code • PRT - Product Type • Q8 - Company/place registration number • QN - Stop Sequence Number • QY - Express Service Code • RA - Repetitive Shipment Number • RF - Export reference number (not a licence number) • RU - Route Number • RX - Resubmit Number • RY - Rebate reference number • RZ - Returned goods authorization Number • RZ - Return goods authorization • SB - Sales Region Number • SCA - Standard Carrier Alpha Code (SCAC) • SE - Serial Number • SI - Shipper's Identifying Number for Shipment • ST - store number • SZ - Specification Revision • TD - Reason for change recorded for order • TG - Transportation control number • TS - Tariff reference number • VA - Vessel agent number • VN - Vendor order number referencing customer purchase order, ie, vendor sales order • VR - Internal vendor identifier • VT - Motor vehicle identification number • VX- VAT Registration identifier • X8 - Secondary class identifier • XX2 - Service Area Code • ZH - Carrier assigned reference / booking number • ZZ - Mutually defined transaction identifier • ZZ - Customer or mutually defined transaction identifier (DEPRECATED)	VN

Input Element	Occurs	Length	Description	Example
N902	0...1	1/80	Reference identification for the purchase order as specified by the reference identification qualifier.	009875623
N903	0...1	1/45	Description referenced identifier.	-
G61	0...3	-	Contact segment. Sample Data: PER*OC*BRAD SHIVERLAK*TE*8636881188	-
G6101	1....1	2/2	Contact Function Code. Valid values: • AJ - Primary contact • BD - Buyer contact • DC - Delivery contact • OC - Order Contact • PM - Product Manager • RP - Authorized responsible person • SU - Main contact at supplier location	OC
G6102	1...1	1/60	**Required.** Contract name.	BRAD SHIVERLAK
G6103	0...1	2/2	Communication number qualifier identifying telephone number or email address for contact. Valid values: • TE - telephone - map N104 to contactPhone • EM - email address - map N104 to contactEmail	TE
G6104	0...1	1/2048	Communication number for contact: • telephone where G6103 = TE • email address where G6103 = EM	8636881188
G6105	0...1	1/20	Contact inquiry reference.	-
G62	0...10	-	Date and time segment for purchase order.	-
G6201	0...1	2/2	Date/Time qualifier identifying shipment date. **Valid values:** • 01 – Cancel after this date • 02 – Delivery requested by date • 04 – Purchase order date • 10 – Dispatch date • 11 – Date shipped • 15 – Promotion start date • 17 – Estimated delivery date • 18 – Product availability date • 19 – Date unloaded • 35 – Date of delivery document or ASN • 37 – Not before shipment date • 38 – Not later shipment date • 54 – Delivery no later than date • 68 – Requested delivery date • 69 – Pickup scheduled • 70 – Current scheduled delivery date • 85 – Date goods issue posted • 86 – Actual Pickup Date • BC – Document date • BS – Date goods receipt posted (received into available inventory) • CL – Loading date	02
G6202	0...1	8/8	Date in X12 date format YYYYMMDD for purchase order.	20260620
G6203	0...1	4/8	Time qualifier.	-
G6204	0...1	4/8	Time in HHMMSS or HHMM format for shipment or delivery date of sending party.	-
NTE	0...20	-	Note and/or special instructions for order.	-
NTE01	0...1	3/3	NTE reference code identifying the functional area or purpose for which the note applies.	PP
NTE02	1...1	1/80	**Required.** Free-form description for the note or special instructions.	RANCHO DOMINGUEZ CA
G66	0...1	-	Transportation instructions.	-
G6601	0...1	2/2	Shipment method of payment code that identifies the payment terms for transportation charges. Valid values: • BP - Paid by Buyer • CA - Advance Collect • CC - Collect • DF - Defined by buyer and seller • PA - Advance prepaid • PB - Customer pickup/backhaul • PO - Prepaid only • PP - Prepaid by seller • PS - Paid by seller • TP - Third Party Pay	BP
G6602	0...1	1/2	Transportation method type code identifying the method or type of transport to be used for delivery of the order. **Valid values** • 7 - By mail • A - By air • C - Consolidated • H - To be picked up customer • I - Common irregular carrier • J - Truck • K - Backhaul • L - Contract Carrier • M - Motor (Common Carrier) • N - Private vessel • O - Container by ship • P - Private carrier • R - Shipped by train • S - By sea • T - Best way: shipper's option • U - Inland waterway • X - Piggy back transport, ie trailer on train • AE - Air express • LT - Less than truckload • SR - Supplier truck • ZZ - Mutually Defined	M
G6603	0...1	1/1	Pallet exchange code specifying instructions for pallet exchange.	-
G6604	0...1	2/2	Code identifying loading or unloading options for a shipment. Valid values: • 01 – Shipped product is on pallets • 02 – On floor stack or hand pile • 03 – Mixed shipment handling • 04 – Slip sheet • 05 – Module • 06 – Product is arranged for shipment in a manner that allows for equipment to remove the goods from the truck by clamping around the goods, so that large quantities can be moved at one time. • 08 – Air bag slip sheet combination • 09 – Thermal blanket or cargo quilt • 10 – Shrink wrap • 11 – Load lock • ZZ – Mutually defined by the trading partners	01
G6605	0...1	1/35	Routing. Free-form description of routing or requested routing for shipment or for originating carrier's identity.	Roundabout routing route
G6606	0...1	2/2	FOB point code. Valid values: • 01 - Transfer location point is a city • 03 - Plant or place of production • 02 - Shipping destination • 04 - Origin point of shipment	CI
G6607	0...1	1/30	Name of FOB transfer location point.	Boston
G23	0...20	-	Terms of sale for the purchase order.	-
G2301	1...1	2/2	**Required.** Terms of sale type code. Identifies type of payment code. Valid values: • 01 – Basic • 02 – End of month • 03 – Fixed date • 04 – Deferred payment • 05 – Discount is not applicable • 06 – Mixed terms • 07 - Extended terms • 13 - Seller to advise buyer • 14 - Previously agreed • 15 - Payment expected on a certain of the month, ie, 1st day, 15th day, etc.	01
G2302	1...1	1/2	**Required.** Terms code identifying the type of date that begins the terms of sale period. Valid values: • 1 – Ship date • 2 – Delivery date • 3 – Invoice date • 5 – Invoice receipt date • 7 – Effective date • 09 – Purchase order date	3
G2305	0...1	1/6	Percentage of discount available to the purchaser if an invoice is paid on or before the terms of payment discount due date.	1.25
G2306	0...1	8/8	Discount due date in X12 date format YYYYMMDD.	20260620
G2307	0...1	1/3	Number of days payment is due within discount period to qualify for the discount.	30
G2308	0...1	8/8	Terms net due date. Date when the invoice total amount is due in X12 date format YYYYMMDD.	20260620
G2309	0...1	1/3	Number of days total invoice payment is due where no discount is applicable.	30
G2314	0...1	1/5	Amount of invoice payable expressed in percent.	10.5
G2315	0...1	1/60	Free-form text or description for terms of payment.	30 days payable in full
N1	0...1	-	N1: Party identifier, name segment loop for: • bill to party • ship to party • all other party types	-

Input Element	Occurs	Length	Description	Example
N101	1...1	2/3	**Required.** Entity identifier code for party identifier and address information for bill to party. **Valid values:** • 2P - Public health service facility: 304B entity that tales ownership of a product in the original sale. • 13 - Contracted third party service provider. Also used for third-party contracted pharmacy supporting a 340B covered entity. • 41 - Partner or business entity group initiates the transaction • A0 - Account of party • BG - Purchasing group, buying group • BK - Bank • BT - Bill to party • BS - Billto and Shipto combined • BY - Customer - buyer - sold to party • CA - Carrier (transport operator) • CN - Consignee • CI - Consignor • CL - Container location • CQ - Corportate office • C9 - Contract holder or contractor • DA - Delivery address / party • DB - Distributor branch location • DS - Distributor party or location • DT - Destination terminal • D1 - Truck driver (no EDI qualifier contextbased) • EX - Exporter • FW - Freight forwarder • FR - Message sender • HA - Owner of goods • II - Party that will issue the invoice to the payer • L8 - Head office location • MA - Final customer • MF - Manufacturer • NP - Notify party for shipper's order • N1 - First notify party • N2 - Second notify party • N3 - Third notify party • OB - Ordered by party • OE - Booking office • OT - Origin inland terminal • PO - Party to receive invoice for goods or services • PE - Party that will receive invoice the payer or the SAP bill-to party • PR - Person or organization that pays the invoice • PW - Pickup location • QA - Retail or institutional pharmacy dispenser. Also used for contracted third party pharmacy supporting a 304b covered entitty. • RD - Destination intermodal ramp • RO - Origin intermodal ramp • SF - Shipfrom location • SH - Shipper • SI - Business party that issues the shipping instruction • ST - Shipto location • SO - Sold to party if different then bill to party • SN - Store number with location info for store • SU - Supplier • TO - Message receiver • VN - Vendor (alt. seller) • VI - Contact person information • WH - Warehouse keeper • YE - Third party business or location information. Also used to identify third party logistics service provider.	BT
N102	0...1	1/60	Name.	Wholesale Inc
N103	0...1	1/2	Identifier code qualifier. Valid values: • 1 - DUNS • 2 - SCAC • 9 - DUNS+4 • 11 - Drug Enforcement Agency registration number • 21 - Health Industry Number • 25 - Carrier customer code • 91 - Company identifier • 92 - Company location identifier • 93 - Transaction set sender • 94 - Transaction set receiver • UL - Global Location Number • PI - US_340B_ID • PP - Pharmacy_Processor_Number	UL
N104	0...1	2/80	Bill to party identifier, as qualified by N103.	3333331013655
N3	0...1	-	N3: Address. Child of bill to N1 name segment.	-
N301	1...1	1/55	**Required.** Street address 1.	555 Neelan Road
N302	0...1	1/55	Street address 2.	Suite 123
N4	0...1	-	N4: Geographic Location. Child of bill to N1 name segment.	-
N401	0...1	2/30	City name.	Sacramento
N402	0...1	2/2	State or province code. Code (Standard state/province) as defined by appropriate government agency.	CA
N403	0...1	3/15	Postal code. Code defining international postal zone code excluding punctuation and blanks.	95833
N404	0...1	2/3	Country code.	US
G72	0...*	-	Allowance or charge information.	-
G7201	1...1	1/3	**Required.** Allowance or charge code identifying the type of allowance or charge in the purchase order. **Valid values:** • 1 – Free goods • 2 – Shrink allowance • 4 – Fuel allowance • 5 – Allowance for non-performance • 6 – Pallet charge • 7 – Ocean freight charge • 10 – Drayage charge • 16 – Minimum charge • 21 – Storage charge • 26 – Unloading charge • 29 – Percentage of price adjustment • 30 – Post damaged handling • 43 – Display allowance • 44 – Early buy allowance • 45 – New discount • 48 – Special buy • 51 – Trade discount • 52 – Quantity discount • 53 – Freight allowance • 54 – Pickup allowance • 55 – Warehouse allowance • 57 – Vehicle load allowance • 61 – Handling allowance • 64 – Truckload allowance • 65 – New item allowance • 70 – Consignment allowance • 81 – Direct plant ship allowance • 90 – Performance allowance • 105 – Pallet allowance • 110 – Adjustment • 490 – Goods and services credit allowance • 491 – Tax credit allowance • 499 – Other allowance • 501 – Taxes charged • 502 – Carrier charges • 503 – Special handling charge • 504 – Freight charge • 505 – Insurance charge • 511 – Warehouse charge • 512 – Palletizing charge • 514 – Surcharge • 516 – Delivery charge • 518 – Service charge • 519 – Less than truckload charge • 523 – Special packaging charge • 537 – State or provinmcial tax charge • 990 – Goods and service charge • 999 – Other charges	6
G7202	1...1	2/2	**Required.** Allowance or charge method of handling code. **Valid values:** • 01 – Bill back. • 02 – Off invoice. • 04 – Credit customer account. • 05 – Charge to be paid by vendor. • 06 – Charge to be paid by customer. • 07 – Optional. • 08 – Off gross quantity invoiced. • 09 – Allowance to be issued by vendor. • 10 – Allowance to be issued by reseller. • 11 – Charge denied by vendor. • 12 – Cancel allowance. • 15 – Information only. • 18 – Non-payable tax. • 25 – Cash in advance. • CA – Calculate and add to invoice. • CC – Collect. • PP – Prepaid.	CC
G7203	0...1	1/16	Allowance or charge identifier assigned by a vendor referencing an allowance, promotion, deal, or charge.	58547859
G7205	0...1	1/15	Allowance or charge rate per unit.	12.5

Input Element	Occurs	Length	Description	Example
G7206	0...1	1/10	Allowance or charge quantity when the allowance or charge is different from the purchase order.	100
G7207	0...1	2/2	Unit of measure for allowance or charge basis quantity. **Valid values** • 02 – Statute Mile • 4G – Microliter • AM – Ampoule • AV – Capsule • BD – Bundle • BG – Bag • BO – Bottle • BX – Box • C3 – Centiliter • CA – Case • CC – Cubic Centimeter • CF – Cubic Feet • CG – Card, Blister • CI – Cubic Inches • CL – Cylinder • CM – Centimeter • CN – Can • CP – Crate • CQ – Cartridge • CR – Cubic Meters • CT – Carton • DA – Day • DI – Dispenser • DK – Kilometers • DL – Deciliter • DM – Decimeter • DR – Drum • DS – Display • DZ – Dozen • EA – Each • FO – Fluid Ounce • FT – Foot • GA – Gallon • GL – Gram/liter • GR – Gram • GS – Gross • H4 – Hectoliter • HF – Hundred Feet • HR – Hours • IN – Inch • K6 – Kiloliters • KG – Kilogram • KT – Kit • LB – Pounds • LF – Linear Foot • LO – Lot (unit of procurement) • LT – Liter • LY – Linear Yard • MC – Microgram • ME – Milligram • ML – Milliliter • MM – Millimeter • MO – Months • MR – Meter • OZ – Ounces • PC – Piece • PF – Pallet • PK – Package • PR – Pair • PT – Pint • QT – Quart • RL – Roll • SC – Square Centimeter • SF – Square Foot • SH – Sheet • SI – Square Inch • SM – Square Meter • ST – Set • SY – Square Yard • T3 – Thousand Pieces • TB – Tube • TH – Thousand • TY – Tray • U2 – Tablet • UM – Million • UN – Unit • V2 – Pouch • VI – Vial • WK – Week • YD – Yard • YR – Years	EA
G7208	0...1	1/15	Allowance or charge total amount.	201.45
G7209	0...1	1/6	Allowance or charge percentage.	10.5
G7210	0...1	1/9	Dollar basis for percentage.	10.5
G73	0...10	-	Allowance or charge description.	-
G7301	1...1	1/45	**Required.** Free form description for the allowance or charge.	Credit payment
G68	1...*	-	Line item details for ordered product.	-
G6801	1...1	1/15	**Required.** Quantity of ordered product.	200
G6802	1...1	2/2	**Required.** Unit of measure for quantity. **Valid values:** • 02 – Statute Mile • 4G – Microliter • AM – Ampoule • AV – Capsule • BD – Bundle • BG – Bag • BO – Bottle • BX – Box • C3 – Centiliter • CA – Case • CC – Cubic Centimeter • CF – Cubic Feet • CG – Card Blister • CH – Container • CI – Cubic Inches • CL – Cylinder • CM – Centimeter • CN – Can • CP – Crate • CQ – Cartridge • CR – Cubic Meters • CT – Carton • DA – Day • DI – Dispenser • DK – Kilometers • DL – Deciliter • DM – Decimeter • DQ – Cubic decimeters • DR – Drum • DS – Display • DZ – Dozen • EA – Each • FO – US Fluid Ounce • FT – Foot • GA – US Gallon • GL – Gram/Liter • GR – Gram • GS – Gross • H4 – Hectoliter • HF – Hundred Feet • HR – Hours • IN – Inch • K6 – Kiloliters • KG – Kilogram • KT – Kit • LB – US Pound • LF – Linear Foot • LO – Lot (unit of procurement) • LT – Liter • LY – Linear Yard • MC – Microgram • ME – Milligram • ML – Milliliter • MM – Millimeter • MO – Months • MR – Meter • OZ – Ounce • P1 – Percent • PC – Piece • PF – Pallet • PH – Pack • PK – Package • PR – Pair • PT – Pint • QT – Quart • RL – Roll • SC – Square Centimeter • SF – Square Foot • SH – Sheet • SI – Square Inch • SM – Square Meter • SP – Self Package • ST – Set • SY – Square Yard • SZ – Syringe • T3 – Thousand Pieces • TB – Tube • TH – Thousands • TN – Tonne • TS – Thousands • TY – Tray • U2 – Tablet • UM – Million • UN – Unit • US – Dosage Form • V2 – Pouch • VI – Vial • WK – Week • YD – Yard • YR – Years	EA
G6803	0...1	1/9	Item list cost. Gross unit price for the item.	200.00
G6804	0...1	12/12	UPC case code.	001458569841
G6805	0...1	2/2	Product service ID qualifier mapping from global standards enum list. **Valid values:** • PI – Customer's material number • UP – GTIN12 • UK – GTIN14 identifier • MF – Manufacturer's product number • BC – Supplier material Number • UX – Universal product number • NH – US National Health Related Item Code • N1 – US National-Drug-Code-NDC442-with-hyphen-separators • N2 – US National-Drug-Code-NDC532-with-hyphen-separators • N3 – US National-Drug-Code-NDC541-with-hyphen-separators • N4 – US-National-Drug-Code-NDC542-with-hyphen-separators • N5 – US National Health Related Item Code with hypen separator with 5 and characters • N6 – US National Health Related Item Code with hypen separators with 6 and 4 characters • CB – Buyer Catalog • EN – EAN 2-5-5-1 • FV – Canada product number • IN – Buyer's Item Number • SK – Stock Keeping Unit • UA – Case UPC. UPC Case Code (2-5-5). Legacy UPC • UI – UPC Consumer Package Code (1-5-5) • VC – Vendor Catalog Number. Vendor's (Seller's) Catalog Number • ND – National Drug Code • BP – Buyer part Number • VN – Vendor material Number • MG – Manufacturer's part number • VP – Vendor part number • UN – UN UPC case code number (1-1-5-5) • PI – Purchaser's item code	UK
G6806	0...1	1/80	Product or service identifier. Should be the same identifiers that will be used in the invoice.	20041415558735

Input Element	Occurs	Length	Description	Example
G6807	0...1	2/2	Product service ID qualifier mapping from global standards enum list. **Valid values:** • PI – Customer's material number • UP – GTIN12 • UK – GTIN14 identifier • MF – Manufacturer's product number • BC – Supplier material Number • UX – Universal product number • NH – US National Health Related Item Code • N1 – US National-Drug-Code-NDC442-with-hyphen-separators • N2 – US National-Drug-Code-NDC532-with-hyphen-separators • N3 – US National-Drug-Code-NDC541-with-hyphen-separators • N4 – US-National-Drug-Code-NDC542-with-hyphen-separators • N5 – US National Health Related Item Code with hypen separator with 5 and characters • N6 – US National Health Related Item Code with hypen separators with 6 and 4 characters • CB – Buyer Catalog • EN – EAN 2-5-5-1 • FV – Canada product number • IN – Buyer's Item Number • SK – Stock Keeping Unit • UA – Case UPC. UPC Case Code (2-5-5). Legacy UPC • UI – UPC Consumer Package Code (1-5-5) • VC – Vendor Catalog Number. Vendor's (Seller's) Catalog Number • ND – National Drug Code • BP – Buyer part Number • VN – Vendor material Number • MG – Manufacturer's part number • VP – Vendor part number • UN – UN UPC case code number (1-1-5-5) • PI – Purchaser's item code	PI
G6808	0...1	1/80	Product or service identifier. Should be the same identifiers that will be used in the invoice.	37942
G69	0...5	-	Line item detail description.	-
G6901	1...1	1/45	**Required.** Item description.	product10400000701117_RegStrength_12pack
G70	-	-	Miscellaneous line item details.	-
G7001	0...1	1/6	Pack. The number of inner containers, or number of eaches if there are no inner containers, per outer container.	10
G7010	0...1	1/6	Inner pack. The number of eaches per inner container.	12
G72	0...*	-	Allowance or charge information.	-
G7201	1...1	1/3	**Required.** Allowance or charge code identifying the type of allowance or charge in the purchase order. **Valid values:** • 1 – Free goods • 2 – Shrink allowance • 4 – Fuel allowance • 5 – Allowance for non-performance • 6 – Pallet charge • 7 – Ocean freight charge • 10 – Drayage charge • 16 – Minimum charge • 21 – Storage charge • 26 – Unloading charge • 29 – Percentage of price adjustment • 30 – Post damaged handling • 43 – Display allowance • 44 – Early buy allowance • 45 – New discount • 48 – Special buy • 51 – Trade discount • 52 – Quantity discount • 53 – Freight allowance • 54 – Pickup allowance • 55 – Warehouse allowance • 57 – Vehicle load allowance • 61 – Handling allowance • 64 – Truckload allowance • 65 – New item allowance • 70 – Consignment allowance • 81 – Direct plant ship allowance • 90 – Performance allowance • 105 – Pallet allowance • 110 – Adjustment • 490 – Goods and services credit allowance • 491 – Tax credit allowance • 499 – Other allowance • 501 – Taxes charged • 502 – Carrier charges • 503 – Special handling charge • 504 – Freight charge • 505 – Insurance charge • 511 – Warehouse charge • 512 – Palletizing charge • 514 – Surcharge • 516 – Delivery charge • 518 – Service charge • 519 – Less than truckload charge • 523 – Special packaging charge • 537 – State or provinmcial tax charge • 990 – Goods and service charge • 999 – Other charges	6
G7202	1...1	2/2	**Required.** Allowance or charge method of handling code. **Valid values:** • 01 – Bill back. • 02 – Off invoice. • 04 – Credit customer account. • 05 – Charge to be paid by vendor. • 06 – Charge to be paid by customer. • 07 – Optional. • 08 – Off gross quantity invoiced. • 09 – Allowance to be issued by vendor. • 10 – Allowance to be issued by reseller. • 11 – Charge denied by vendor. • 12 – Cancel allowance. • 15 – Information only. • 18 – Non-payable tax. • 25 – Cash in advance. • CA – Calculate and add to invoice. • CC – Collect. • PP – Prepaid.	CC
G7203	0...1	1/16	Allowance or charge identifier assigned by a vendor referencing an allowance, promotion, deal, or charge.	58547859
G7205	0...1	1/15	Allowance or charge rate per unit.	12.5
G7206	0...1	1/10	Allowance or charge quantity when the allowance or charge is different from the purchase order.	100
G7207	0...1	2/2	Unit of measure for allowance or charge basis quantity. **Valid values:** • 02 – Statute Mile • 4G – Microliter • AM – Ampoule • AV – Capsule • BD – Bundle • BG – Bag • BO – Bottle • BX – Box • C3 – Centiliter • CA – Case • CC – Cubic Centimeter • CF – Cubic Feet • CG – Card Blister • CH – Container • CI – Cubic Inches • CL – Cylinder • CM – Centimeter • CN – Can • CP – Crate • CQ – Cartridge • CR – Cubic Meters • CT – Carton • DA – Day • DI – Dispenser • DK – Kilometers • DL – Deciliter • DM – Decimeter • DQ – Cubic decimeters • DR – Drum • DS – Display • DZ – Dozen • EA – Each • FO – US Fluid Ounce • FT – Foot • GA – US Gallon • GL – Gram/Liter • GR – Gram • GS – Gross • H4 – Hectoliter • HF – Hundred Feet • HR – Hours • IN – Inch • K6 – Kiloliters • KG – Kilogram • KT – Kit • LB – US Pound • LF – Linear Foot • LO – Lot (unit of procurement) • LT – Liter • LY – Linear Yard • MC – Microgram • ME – Milligram • ML – Milliliter • MM – Millimeter • MO – Months • MR – Meter • OZ – Ounce • P1 – Percent • PC – Piece • PF – Pallet • PH – Pack • PK – Package • PR – Pair • PT – Pint • QT – Quart • RL – Roll • SC – Square Centimeter • SF – Square Foot • SH – Sheet • SI – Square Inch • SM – Square Meter • SP – Self Package • ST – Set • SY – Square Yard • SZ – Syringe • T3 – Thousand Pieces • TB – Tube • TH – Thousands • TN – Tonne • TS – Thousands • TY – Tray • U2 – Tablet • UM – Million • UN – Unit • US – Dosage Form • V2 – Pouch • VI – Vial • WK – Week • YD – Yard • YR – Years	EA
G7208	0...1	1/15	Allowance or charge total amount.	201.45
G7209	0...1	1/6	Allowance or charge percentage.	10.5
G7210	0...1	1/9	Dollar basis for percentage.	10.5
G73	0...10	-	Allowance or charge description.	-
G7301	1...1	1/45	**Required.** Free form description for the allowance or charge.	Credit payment
G76	0...1	-	875 Grocery Products Purchase Order transaction totals.	-
G7601	1...1	1/15	**Required.** Total quantity of items ordered.	15

Input Element	Occurs	Length	Description	Example
G7602	1...1	2/2	**Required.** Unit or Basis for Measurement Code. **Valid values:** • 02 – Statute Mile • 4G – Microliter • AM – Ampoule • AV – Capsule • BD – Bundle • BG – Bag • BO – Bottle • BX – Box • C3 – Centiliter • CA – Case • CC – Cubic Centimeter • CF – Cubic Feet • CG – Card Blister • CH – Container • CI – Cubic Inches • CL – Cylinder • CM – Centimeter • CN – Can • CP – Crate • CQ – Cartridge • CR – Cubic Meters • CT – Carton • DA – Day • DI – Dispenser • DK – Kilometers • DL – Deciliter • DM – Decimeter • DQ – Cubic decimeters • DR – Drum • DS – Display • DZ – Dozen • EA – Each • FO – US Fluid Ounce • FT – Foot • GA – US Gallon • GL – Gram/Liter • GR – Gram • GS – Gross • H4 – Hectoliter • HF – Hundred Feet • HR – Hours • IN – Inch • K6 – Kiloliters • KG – Kilogram • KT – Kit • LB – US Pound • LF – Linear Foot • LO – Lot (unit of procurement) • LT – Liter • LY – Linear Yard • MC – Microgram • ME – Milligram • ML – Milliliter • MM – Millimeter • MO – Months • MR – Meter • OZ – Ounce • P1 – Percent • PC – Piece • PF – Pallet • PH – Pack • PK – Package • PR – Pair • PT – Pint • QT – Quart • RL – Roll • SC – Square Centimeter • SF – Square Foot • SH – Sheet • SI – Square Inch • SM – Square Meter • SP – Self Package • ST – Set • SY – Square Yard • SZ – Syringe • T3 – Thousand Pieces • TB – Tube • TH – Thousands • TN – Tonne • TS – Thousands • TY – Tray • U2 – Tablet • UM – Million • UN – Unit • US – Dosage Form • V2 – Pouch • VI – Vial • WK – Week • YD – Yard • YR – Years	EA
G7603	0...1	1/10	Total weight of ordered product.	111
G7604	0...1	2/2	Unit of measure for total weight. **Valid values:** • 02 – Statute Mile • 4G – Microliter • AM – Ampoule • AV – Capsule • BD – Bundle • BG – Bag • BO – Bottle • BX – Box • C3 – Centiliter • CA – Case • CC – Cubic Centimeter • CF – Cubic Feet • CG – Card Blister • CH – Container • CI – Cubic Inches • CL – Cylinder • CM – Centimeter • CN – Can • CP – Crate • CQ – Cartridge • CR – Cubic Meters • CT – Carton • DA – Day • DI – Dispenser • DK – Kilometers • DL – Deciliter • DM – Decimeter • DQ – Cubic decimeters • DR – Drum • DS – Display • DZ – Dozen • EA – Each • FO – US Fluid Ounce • FT – Foot • GA – US Gallon • GL – Gram/Liter • GR – Gram • GS – Gross • H4 – Hectoliter • HF – Hundred Feet • HR – Hours • IN – Inch • K6 – Kiloliters • KG – Kilogram • KT – Kit • LB – US Pound • LF – Linear Foot • LO – Lot (unit of procurement) • LT – Liter • LY – Linear Yard • MC – Microgram • ME – Milligram • ML – Milliliter • MM – Millimeter • MO – Months • MR – Meter • OZ – Ounce • P1 – Percent • PC – Piece • PF – Pallet • PH – Pack • PK – Package • PR – Pair • PT – Pint • QT – Quart • RL – Roll • SC – Square Centimeter • SF – Square Foot • SH – Sheet • SI – Square Inch • SM – Square Meter • SP – Self Package • ST – Set • SY – Square Yard • SZ – Syringe • T3 – Thousand Pieces • TB – Tube • TH – Thousands • TN – Tonne • TS – Thousands • TY – Tray • U2 – Tablet • UM – Million • UN – Unit • US – Dosage Form • V2 – Pouch • VI – Vial • WK – Week • YD – Yard • YR – Years	LB
G7605	0...1	1/8	Total volume of ordered product.	6

Input Element	Occurs	Length	Description	Example
G7606	0...1	2/2	Unit of measure for total volume of ordered product. **Valid values:** • 02 – Statute Mile • 4G – Microliter • AM – Ampoule • AV – Capsule • BD – Bundle • BG – Bag • BO – Bottle • BX – Box • C3 – Centiliter • CA – Case • CC – Cubic Centimeter • CF – Cubic Feet • CG – Card Blister • CH – Container • CI – Cubic Inches • CL – Cylinder • CM – Centimeter • CN – Can • CP – Crate • CQ – Cartridge • CR – Cubic Meters • CT – Carton • DA – Day • DI – Dispenser • DK – Kilometers • DL – Deciliter • DM – Decimeter • DQ – Cubic decimeters • DR – Drum • DS – Display • DZ – Dozen • EA – Each • FO – US Fluid Ounce • FT – Foot • GA – US Gallon • GL – Gram/Liter • GR – Gram • GS – Gross • H4 – Hectoliter • HF – Hundred Feet • HR – Hours • IN – Inch • K6 – Kiloliters • KG – Kilogram • KT – Kit • LB – US Pound • LF – Linear Foot • LO – Lot (unit of procurement) • LT – Liter • LY – Linear Yard • MC – Microgram • ME – Milligram • ML – Milliliter • MM – Millimeter • MO – Months • MR – Meter • OZ – Ounce • P1 – Percent • PC – Piece • PF – Pallet • PH – Pack • PK – Package • PR – Pair • PT – Pint • QT – Quart • RL – Roll • SC – Square Centimeter • SF – Square Foot • SH – Sheet • SI – Square Inch • SM – Square Meter • SP – Self Package • ST – Set • SY – Square Yard • SZ – Syringe • T3 – Thousand Pieces • TB – Tube • TH – Thousands • TN – Tonne • TS – Thousands • TY – Tray • U2 – Tablet • UM – Million • UN – Unit • US – Dosage Form • V2 – Pouch • VI – Vial • WK – Week • YD – Yard • YR – Years	CF
G7608	0...1	1/15	Total amount for ordered product.	200.00
SE	1...1	-	**Required.** ST ... SE transaction set trailer envelope. Child of GS group. Only one ST transaction expected.	-
SE01	1...1	1/10	**Required.** Total count of segments in ST ... SE transaction set including ST and SE segments.	10
SE02	1...1	4/9	**Required.** Transaction set control number.	1
GE	1...1	-	**Required.** GS ... GE functional group trailer envelope. Child of ISA interchange. Only one GS group expected.	-
GE01	1...1	1/6	**Required.** Number of transaction sets in functional group.	5
GE02	1...1	1/9	**Required.** Functional group control number.	619827
IEA	1...1	-	**Required.** ISA ... IEA interchange control trailer envelope. Only one interchange expected per transmission.	-
IEA01	1...1	1/5	**Required.** Number of functional groups in interchange.	1
IEA02	1...1	9/9	**Required.** Interchange control number.	0000000000619827

Example

```
ISA*03*          *01*          *07*ss007PL        *01*7777776067344
*241111*1612*^*00401*000619827*0*P*>~
GS*PO*2222224043588*TRACELINK*20231020*14201015*619827*X*004010~
ST*850*000000001~
G50*B*20260324*s25*2*s27*281111*FH~
N9*CT*0987654321*Description~
G61*BD*s41*TE*123456789*s44~
G62*18*20260324*C*124259*29~
NTE*SET*s49~
G66*PP*J*3*04*s54*04*s56~
G23*02*7*20260324*03*139*20260324*140*20260325*141*142*143*144*145*146
*s147*14~
N1*BT*Wholesale Inc*92*BT_12345~
N3*555 Neelan Road*Suite 123~
N4*Sacramento*CA*95833*US~
N1*ST*SHIP TO PARTY (WE/SH)*91*ST_900~
N3*Central 101*Local, WST-190. E~
N4*Stein*GL*4AA332*CH~
N1*BY*Wholesale Inc*UL*0001000285~
N3*7956 VICTORY*Suite 2~
N4*BASEL*GL*4002*CH~
G72*2*02*s90*s91*92*93*EA*9512*96*97*s98~
G73*s99_Desc~
```

```
G68*100*EA*102.67*123456789012*PI*s105*BP*s107*s10*109*D8*s111*s112*11
3*114~
G69*s115~
G70*116*117*DD*SA*B*DF*U*s123*124111*125~
G72*2*02*s90*s91*92*93*EA*195*96*97*s98~
G73*s99_Desc_L1~
G76*248*EA*250*EA*252*EA*254*2551*s25*4~
SE*34*s259~
GE*260*261~
IEA*262*263111111~
```

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