



Grocery Products Invoice

005010 UCS

Functional Group=**GP**

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>
0200	G01	Invoice Identification	M	1			Must use
0300	N9	Extended Reference Information	O	10			Used
0500	G62	Date/Time	O	5			Used
0700	CAD	Carrier Details	O	5			Used
0800	G23	Terms of Sale	O	20		N1/0800	Used
0900	G25	F.O.B. Information	O	1			Used
LOOP ID - 0100					10	N1/1000L	
1000	N1	Party Identification	M	1		N1/1000	Must use
1200	N3	Party Location	O	2			Used
1300	N4	Geographic Location	O	1			Used
LOOP ID - 0200					100		
1400	G72	Allowance or Charge	O	1			Used
1500	G73	Allowance or Charge Description	O	10			Used

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>
LOOP ID - 0300					9999	N2/0100L	
0100	G17	Item Detail - Invoice	O	1		N2/0100	Used
0200	G69	Line Item Detail - Description	O	5			Used
0400	G20	Item Packing Detail	O	1			Used
LOOP ID - 0310					100		
0700	G72	Allowance or Charge	O	1			Used
0800	G73	Allowance or Charge Description	O	10			Used

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>
0100	G31	Total Invoice Quantity	M	1			Must use
0200	G33	Total Dollars Summary	M	1			Must use

G01 Invoice Identification

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use

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>
G0101	373	Date Date = CCYYMMDD	M	DT	8/8	Must use
G0102	76	Invoice Number	M	AN	1/22	Must use
G0103	373	Date Date = CCYYMMDD	M	DT	8/8	Must use
G0104	324	Purchase Order Number 5 digit PO Number must be returned	M	AN	1/22	Must use

N9 Extended Reference Information

Pos: 0300	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): 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>
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use
N902	127	Reference Identification	X	AN	1/50	Used

G62 Date/Time

Pos: 0500	Max: 5
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): 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>
G6201	432	Date Qualifier	X	ID	2/2	Used
G6202	373	Date	X	DT	8/8	Used

CAD Carrier Details

Pos: 0700	Max: 5
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): 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>
CAD01	91	Transportation Method/Type Code	M	ID	1/2	Must use
CAD04	140	Standard Carrier Alpha Code	X	ID	2/4	Used
CAD05	387	Routing	X	AN	1/35	Used

G23 Terms of Sale

Pos: 0800 Max: 20
 Heading - Optional
 Loop: N/A Elements: 12

User Option (Usage): 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>
G2301	336	Terms Type Code	M	ID	2/2	Must use
G2302	333	Terms Basis Date Code	M	ID	1/2	Used
G2303	282	Terms Start Date	O	DT	8/8	Used
G2304	283	Terms Due Date Qualifier	O	ID	2/2	Used
G2305	338	Terms Discount Percent	O	R	1/6	Used
		If G2305 list a discount% the G2310, 2311, and G2312 are required				
G2306	370	Terms Discount Due Date	O	DT	8/8	Used
G2307	351	Terms Discount Days Due	O	N0	1/3	Used
G2308	446	Terms Net Due Date	X	DT	8/8	Used
G2309	386	Terms Net Days	X	N0	1/3	Used
G2310	362	Terms Discount Amount	O	N2	1/10	Used
G2311	391	Discounted Amount Due	O	N2	1/10	Used
G2312	390	Amount Subject to Terms Discount	O	N2	1/10	Used

G25 F.O.B. Information

Pos: 0900	Max: 1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): 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>
G2501	146	Shipment Method of Payment	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		CC Collect				
		PB Customer Pickup/Backhaul				
		PP Prepaid (by Seller)				
G2502	433	F.O.B. Point Code	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		02 Destination				
		03 Plant or Producing Location				
		04 Point of Origin				

N1 Party Identification

Pos: 1000	Max: 1
Heading - Mandatory	
Loop: 0100	Elements: 4

User Option (Usage): Must use

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
		Ralphs must have the vendor remittance information				
		<u>Code</u>		<u>Name</u>		
		BT		Bill-to-Party		
		RI		Remit To		
		SF		Ship From		
		ST		Ship To		
N102	93	Name	X	AN	1/60	Used
N103	66	Identification Code Qualifier	X	ID	1/2	Used
		<u>Code</u>		<u>Name</u>		
		9		D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
N104	67	Identification Code	X	AN	2/80	Used

N3 Party Location

Pos: 1200	Max: 2
Heading - Optional	
Loop: 0100	Elements: 2

User Option (Usage): 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>
N301	166	Address Information Ralphs must have Vendor remittance information	M	AN	1/55	Must use
N302	166	Address Information When sending N101 = 'RI'; you must send N301	O	AN	1/55	Used

N4 Geographic Location

Pos: 1300	Max: 1
Heading - Optional	
Loop: 0100	Elements: 3

User Option (Usage): 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>
N401	19	City Name	O	AN	2/30	Used
N402	156	State or Province Code	X	ID	2/2	Used
N403	116	Postal Code	O	ID	3/15	Used

When sending N101 = 'RI'; you must send N401, N402 and N403 When sending N101

G72 Allowance or Charge

Pos: 1400	Max: 1
Heading - Optional	
Loop: 0200	Elements: 8

User Option (Usage): 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>
G7201	340	Allowance or Charge Code	M	ID	1/3	Must use
		<u>Code</u> <u>Name</u>				
		51 Trade Discount				
		52 Quantity Discount				
		54 Pickup Allowance				
		80 Combination Performance and Non-performance				
		90 Performance Allowance				
		95 Swell				
		97 Cents Off				
		501 Taxes				
		504 Freight Charge				
		526 Beverage Tax				
G7202	331	Allowance or Charge Method of Handling Code	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		02 Off Invoice				
		06 Charge to be Paid by Customer				
G7205	359	Allowance or Charge Rate	X	R	1/15	Used
G7206	339	Allowance or Charge Quantity	X	R	1/10	Used
G7207	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
G7208	360	Allowance or Charge Total Amount	X	N2	1/15	Used
		Segment usage is optional but when sending adhere to the requirements. At header level for G72, G7208 is preferred, not G7205. Please include a minus sign in the element if the allowance is to be subtracted from the invoice.				
G7209	332	Percent, Decimal Format	X	R	1/6	Used
G7210	828	Dollar Basis For Percent	X	R	1/9	Used

G73 Allowance or Charge Description

Pos: 1500	Max: 10
Heading - Optional	
Loop: 0200	Elements: 1

User Option (Usage): 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>
G7301	369	Free-form Description	M	AN	1/45	Must use
		Required if G72 at header level is sent				

G17 Item Detail – Invoice

Pos: 0100 Max: 1
 Detail - Optional
 Loop: 0300 Elements: 10

User Option (Usage): 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>
G1701	358	Quantity Invoiced	M	R	1/15	Must use
G1702	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
G1703	237	Item List Cost = Case Cost	X	R	1/9	Used
G1704	438	U.P.C. Case Code Only one of the G1704 or the G1705 & 06 should be sent	X	AN	12/12	Used
G1705	235	Product/Service ID Qualifier Only one of the G1704 or the G1705 & 06 should be sent	X	ID	2/2	Used
		<u>Code</u> <u>Name</u> UK GTIN 14-digit Data Structure				
G1706	234	Product/Service ID GTIN Only one of the G1704 or the G1705 & 06 should be sent	X	AN	1/48	Used
G1707	235	Product/Service ID Qualifier	X	ID	2/2	Used
G1708	234	Product/Service ID	X	AN	1/48	Used
G1710	382	Number of Units Shipped # Cases shipped	X	R	1/10	Used
G1711	355	Unit or Basis for Measurement Code ="CA"	X	ID	2/2	Used

All valid standard codes are used.

G1710 should contain number of cases & G1711 = CA

Case Cost and Case U.P.C/GTIN are required for processing.

Random weight info:
 G1701 should represent total weight to be invoiced.
 G1702 should be sent as LB
 G1710 REQUIRED when G1702 is other than CA, send # of cases
 G1711 should be CA qualifier

G69 Line Item Detail - Description

Pos: 0200	Max: 5
Detail - Optional	
Loop: 0300	Elements: 1

User Option (Usage): 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>
G6901	369	Free-form Description	M	AN	1/45	Must use

G20 Item Packing Detail

Pos: 0400	Max: 1
Detail - Optional	
Loop: 0300	Elements: 3

User Option (Usage): 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>
G2001	356	Pack	O	N0	1/6	Used
G2002	357	Size	X	R	1/8	Used
G2003	355	Unit or Basis for Measurement Code	X	ID	2/2	Used

G2001 and G2002 are required if the information is not contained in the G69. If G2002 is used, you must send the G2003

G72 Allowance or Charge

Pos: 0700 Max: 1
 Detail - Optional
 Loop: 0310 Elements: 8

User Option (Usage): 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>																		
G7201	340	Allowance or Charge Code	M	ID	1/3	Must use																		
		<table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>51</td> <td>Trade Discount</td> </tr> <tr> <td>52</td> <td>Quantity Discount</td> </tr> <tr> <td>54</td> <td>Pickup Allowance</td> </tr> <tr> <td>80</td> <td>Combination Performance and Non-performance</td> </tr> <tr> <td>90</td> <td>Performance Allowance</td> </tr> <tr> <td>97</td> <td>Cents Off</td> </tr> <tr> <td>501</td> <td>Taxes</td> </tr> <tr> <td>504</td> <td>Freight Charge</td> </tr> </table>	<u>Code</u>	<u>Name</u>	51	Trade Discount	52	Quantity Discount	54	Pickup Allowance	80	Combination Performance and Non-performance	90	Performance Allowance	97	Cents Off	501	Taxes	504	Freight Charge				
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G7202	331	Allowance or Charge Method of Handling Code	M	ID	2/2	Must use																		
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<u>Code</u>	<u>Name</u>																							
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06	Charge to be Paid by Customer																							
G7205	359	Allowance or Charge Rate	X	R	1/15	Used																		
		If an allowance, the rate should be negative (-)																						
G7206	339	Allowance or Charge Quantity	X	R	1/10	Used																		
G7207	355	Unit or Basis for Measurement Code	X	ID	2/2	Used																		
G7208	360	Allowance or Charge Total Amount	X	N2	1/15	Used																		
		G7205 is preferred. If G7208 is sent at G72 detail level, value will be determined by G7208 divided by G1701. However, G7205, G7206, G7207 or G7208 or G7209 and G7210 are required. Please include a minus sign in the element if the allowance is to be subtracted from the invoice.																						
G7209	332	Percent, Decimal Format	X	R	1/6	Used																		
G7210	828	Dollar Basis For Percent	X	R	1/9	Used																		

G73 Allowance or Charge Description

Pos: 0800	Max: 10
Detail - Optional	
Loop: 0310	Elements: 1

User Option (Usage): 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>
G7301	369	Free-form Description	M	AN	1/45	Must use
		Required if G72 at detail level is sent				

G31 Total Invoice Quantity

Pos: 0100 Max: 1
 Summary - Mandatory
 Loop: N/A Elements: 6

User Option (Usage): Must use

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>
G3101	382	Number of Units Shipped	M	R	1/10	Must use
G3102	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		CA Case				
G3103	81	Weight	X	R	1/10	Used
G3104	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		LB Pound				
		OZ Ounce - Av				
G3105	183	Volume	X	R	1/8	Used
G3106	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		CF Cubic Feet				

G33 Total Dollars Summary

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

User Option (Usage): Must use

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>
G3301	610	Amount	M	N2	1/15	Must use
		Net Amount				

DATA EXAMPLE

SAMPLE with ALL ITEMS Converted to GTINs

G01*20050110*1729517*20050103*77214~
 N9*BM*123456~
 G62*11*20050110~ CAD*****ROADWAY~
 G23*05*3*20050110*02*****20050131*21**1903914*1903914~
 G25*PP*02*DEST~
 N1*BT*KROGER*9*0079088090000~
 N3*NASHVILLE - RASC*P.O. BOX 305103~
 N4*NASHVILLE*TN*372305103~
 N1*ST*FRED MEYER PUYALLUP WH*9*0079088091501~
 N3*249 VALLEY AVE~
 N4*PUYALLUP*WA*98972~
 N1*RI*FOODS*9*1234567891234~
 G17*52*CA*50.85**UK*10021000340799****10*CA~ G69*BTR QTR 1LB~
 G17*120*LB*7.92**UK*00021000778699****22*CA ~ G69*TRIM~
 G17*24*LB*7.92**UK*20043000180629****15*CA ~ G69*SC~

SAMPLE with NO ITEMS Converted to GTINs

G17*52*CA*50.85*002100034079*****10*CA~
 G69*BTR QTR 1LB~
 G17*120*LB*7.92*002100077869*****22*CA ~
 G69*TRIM~
 G17*24*LB*7.92*004300018062*****15*CA ~
 G69*SC~

SAMPLE with SOME ITEMS Converted to GTINs

Manufacturer ID 11108 has NOT been converted
 Manufacturer ID 26400 has been converted

G17*52*CA*50.85**UK*10021000340799****10*CA~
 G69*BTR QTR 1LB~
 G17*120*LB*7.92**UK*00021000778699****22*CA ~
 G69*TRIM~ G17*24*LB*7.92*004300018062*****15*CA ~
 G69*SC~