



# 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>
020	G01	Invoice Identification	M	1			Must use
030	N9	Reference Identification	O	10			Used
050	G62	Date/Time	O	5			Used
070	CAD	Carrier Details	O	5			Used
080	G23	Terms of Sale	O	20		N1/0800	Used
090	G25	F.O.B. Information	O	1			Used

<u>LOOP ID - 0100</u>					<u>10</u>	<u>N1/1000L</u>	
100	N1	Name	M	1		N1/1000	Must use
120	N3	Address Information	O	2			Used
130	N4	Geographic Location	O	1			Used

<u>LOOP ID - 0200</u>					<u>100</u>		
140	G72	Allowance or Charge	O	1			Used
150	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>
<u>LOOP ID - 0300</u>					<u>9999</u>	<u>N2/0100L</u>	
010	G17	Item Detail - Invoice	O	1		N2/0100	Used
020	G69	Line Item Detail - Description	O	5			Used
040	G20	Item Packing Detail	O	1			Used
<u>LOOP ID - 0310</u>					<u>100</u>		
070	G72	Allowance or Charge	O	1			Used
080	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>
010	G31	Total Invoice Quantity	M	1			Must use
020	G33	Total Dollars Summary	M	1			Must use

# G01 Invoice Identification

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

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

# N9 Extended Reference Information

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

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	<b>Reference Identification Qualifier</b>	M	ID	2/3	Must use
N902	127	<b>Reference Identification</b>	X	AN	1/50	Used

# G62 Date/Time

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

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	<b>Date Qualifier</b>	X	ID	2/2	Used
G6202	373	<b>Date</b>	X	DT	8/8	Used

# CAD Carrier Details

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

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	<b>Transportation Method/Type Code</b>	M	ID	1/2	Must use
CAD04	140	<b>Standard Carrier Alpha Code</b>	X	ID	2/4	Used
CAD05	387	<b>Routing</b>	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 If G2305 list a discount% the G2310, G2311, and G2312 are required	O	R	1/6	Used
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

<b>Pos: 1000</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: 0100</b>	<b>Elements: 4</b>

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	<b>Entity Identifier Code</b> Ralphs must have the vendor remittance information	M	ID	2/3	Must use
		<b>Code</b> <b>Name</b>				
		BT      Bill-to-Party				
		RI      Remit To				
		SF      Ship From				
		ST      Ship To				
N102	93	<b>Name</b>	X	AN	1/60	Used
N103	66	<b>Identification Code Qualifier</b>	X	ID	1/2	Used
		<b>Code</b> <b>Name</b>				
		9      D-U-N-S+4, D-U-N-S Number with Four Character Suffix				
N104	67	<b>Identification Code</b>	X	AN	2/80	Used

# N3 Party Location

<b>Pos: 1200</b>	<b>Max: 2</b>
<b>Heading - Optional</b>	
<b>Loop: 0100</b>	<b>Elements: 2</b>

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	<b>Address Information</b> Ralphs must have Vendor remittance information	M	AN	1/55	Must use
N302	166	<b>Address Information</b> When sending N101 = 'RI'; you must send N301	O	AN	1/55	Used

# N4 Geographic Location

<b>Pos: 1300</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: 0100</b>	<b>Elements: 3</b>

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	<b>City Name</b>	O	AN	2/30	Used
N402	156	<b>State or Province Code</b>	X	ID	2/2	Used
N403	116	<b>Postal Code</b>	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	<b>Allowance or Charge Code</b>	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				
		97      Cents Off				
		501      Taxes				
		504      Freight				
		526      Beverage Tax				
G7202	331	<b>Allowance or Charge Method of Handling Code</b>	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		02      Off Invoice				
		06      Charge to be Paid by Customer				
G7205	359	<b>Allowance or Charge Rate</b>	X	R	1/15	Used
G7206	339	<b>Allowance or Charge Quantity</b>	X	R	1/10	Used
G7207	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
G7208	360	<b>Allowance or Charge Total Amount</b>	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	<b>Percent</b>	X	R	1/6	Used
G7210	828	<b>Dollar Basis For Percent</b>	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	<b>Free-form Description</b>	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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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	X	AN	12/12	Used
G1705	235	Product/Service ID Qualifier	X	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		UK            GTIN 14-digit Data Structure				
G1706	234	Product/Service ID GTIN	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 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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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	<b>Allowance or Charge Code</b>	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				
		97      Cents Off				
		501      Taxes				
		504      Freight				
G7202	331	<b>Allowance or Charge Method of Handling Code</b>	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		02      Off Invoice				
		06      Charge to be Paid by Customer				
G7205	359	<b>Allowance or Charge Rate</b>	X	R	1/15	Used
		If an allowance, the rate should be negative(-)				
G7206	339	<b>Allowance or Charge Quantity</b>	X	R	1/10	Used
G7207	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
G7208	360	<b>Allowance or Charge Total Amount</b>	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	<b>Percent, Decimal Format</b>	C	R	1/6	Used
G7210	828	<b>Dollar Basis For Percent</b>	C	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	<b>Free-form Description</b>	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

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\*00011110807621\*\*\*\*10\*CA~  
 G69\*BTR QTR 1LB~  
 G17\*120\*LB\*7.92\*\*UK\*10026400171801\*\*\*\*22\*CA ~  
 G69\*TRIM~  
 G17\*24\*LB\*7.92\*\*UK\*00026400223201\*\*\*\*15\*CA ~  
 G69\*SC~  
 G17\*65\*LB\*38.34\*\*UK\*10026400000201\*\*\*\*33\*CA ~  
 G69\*BTR QTRS 1LB 18CS~  
 G17\*39\*LB\*14.04\*\*UK\*00026400010401\*\*\*\*12\*CA ~  
 G69\*WHIP BTR 8OZ~  
 G17\*120\*LB\*14.52\*\*UK\*00026400853201\*\*\*\*23\*CA ~  
 G69\*CC 1LB 12PK~  
 G72\*47\*02\*\*\*-2.4~  
 G17\*480\*LB\*14.52\*\*UK\*00026400853101\*\*\*\*10\*CA ~  
 G69\*CURD CC 1LB 12PK~  
 G72\*47\*02\*\*\*-2.4~  
 G17\*30\*LB\*14.52\*\*UK\*00026400853402\*\*\*\*5\*CA ~  
 G69\*SM CURD CC 1LB 12PK~  
 G17\*120\*LB\*14.52\*\*UK\*00026400854002\*\*\*\*9\*CA ~  
 G69\*SC PT 12PK~  
 G72\*47\*02\*\*\*-1.2~  
 G17\*30\*LB\*14.52\*\*UK\*00026400853912\*\*\*\*44\*CA ~  
 G69\*PINE CC 1LB 12PK~  
 G17\*105\*LB\*13.74\*\*UK\*00026400853602\*\*\*\*13\*CA ~  
 G69\*TRIM CC 2LB 6PK~  
 G17\*75\*LB\*13.74\*\*UK\*00026400853502\*\*\*\*10\*CA ~  
 G69\*SM CURD CC 2LB 6PK~  
 G31\*222\*CA\*1260\*LB\*3333\*CF~  
 G33\*1903914~