



# Grocery Products Invoice 004010 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                   | G27       | Carrier Detail                     | O          | 5              |               |                | Used         |
| 080                   | G23       | Terms of Sale                      | O          | 20             |               | N1/080         | Used         |
| 090                   | G25       | F.O.B. Information                 | O          | 1              |               |                | Used         |
| <b>LOOP ID - 0100</b> |           |                                    |            |                | <b>10</b>     | <b>N1/100L</b> |              |
| 100                   | N1        | Name                               | M          | 1              |               | N1/100         | Must use     |
| 120                   | N3        | Address Information                | O          | 2              |               |                | Used         |
| 130                   | N4        | Geographic Location                | O          | 1              |               |                | Used         |
| <b>LOOP ID - 0200</b> |           |                                    |            |                | <b>100</b>    |                |              |
| 140                   | G72       | Allowance or Charge                | O          | 1              |               |                | Used         |
| 150                   | G73       | Allowance or Charge<br>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> |
|-----------------------|-----------|------------------------------------|------------|----------------|---------------|----------------|--------------|
| <b>LOOP ID - 0300</b> |           |                                    |            |                | <b>9999</b>   | <b>N2/010L</b> |              |
| 010                   | G17       | Item Detail - Invoice              | O          | 1              |               | N2/010         | Used         |
| 020                   | G69       | Line Item Detail - Description     | O          | 5              |               |                | Used         |
| 040                   | G20       | Item Packing Detail                | O          | 1              |               |                | Used         |
| <b>LOOP ID - 0310</b> |           |                                    |            |                | <b>100</b>    |                |              |
| 070                   | G72       | Allowance or Charge                | O          | 1              |               |                | Used         |
| 080                   | G73       | Allowance or Charge<br>Description | O          | 10             |               |                | Used         |

# G01 Invoice Identification

|                     |             |
|---------------------|-------------|
| Pos: 020            | Max: 1      |
| Heading - Mandatory |             |
| Loop: N/A           | Elements: 4 |

User Option (Usage): Must use

## Element Summary:

| Ref   | Id  | Element Name          | Req | Type | Min/Max | Usage    |
|-------|-----|-----------------------|-----|------|---------|----------|
| G0101 | 373 | Date = CCYYMMDD       | M   | DT   | 8/8     | Must use |
| G0102 | 76  | Invoice Number        | M   | AN   | 1/22    | Must use |
| G0103 | 373 | Date = CCYYMMDD       | O   | DT   | 8/8     | Used     |
| G0104 | 324 | Purchase Order Number | O   | AN   | 1/22    | Used     |

5 digit PO number must be returned

# N9 Reference Identification

|                    |             |
|--------------------|-------------|
| Pos: 030           | Max: 10     |
| Heading - Optional |             |
| Loop: N/A          | Elements: 2 |

User Option (Usage): Used

## Element Summary:

| Ref  | Id  | Element Name                       | Req | Type | Min/Max | Usage    |
|------|-----|------------------------------------|-----|------|---------|----------|
| N901 | 128 | Reference Identification Qualifier | M   | ID   | 2/3     | Must use |
| N902 | 127 | Reference Identification           | C   | AN   | 1/30    | Used     |

# G62 Date/Time

|                    |             |
|--------------------|-------------|
| Pos: 050           | Max: 5      |
| Heading - Optional |             |
| Loop: N/A          | Elements: 2 |

User Option (Usage): Used

## Element Summary:

| Ref   | Id  | Element Name   | Req | Type | Min/Max | Usage |
|-------|-----|----------------|-----|------|---------|-------|
| G6201 | 432 | Date Qualifier | C   | ID   | 2/2     | Used  |
| G6202 | 373 | Date           | C   | DT   | 8/8     | Used  |

# G27 Carrier Detail

|                    |             |
|--------------------|-------------|
| Pos: 070           | Max: 5      |
| Heading - Optional |             |
| Loop: N/A          | Elements: 3 |

User Option (Usage): Used

## Element Summary:

| Ref   | Id  | Element Name                    | Req | Type | Min/Max | Usage    |
|-------|-----|---------------------------------|-----|------|---------|----------|
| G2701 | 91  | Transportation Method/Type Code | M   | ID   | 1/2     | Must use |
| G2704 | 140 | Standard Carrier Alpha Code     | C   | ID   | 2/4     | Used     |
| G2705 | 387 | Routing                         | C   | AN   | 1/35    | Used     |

# G23 Terms of Sale

Pos: 080 Max: 20  
 Heading - Optional  
 Loop: N/A Elements: 12

User Option (Usage): Used

## Element Summary:

| Ref   | Id  | Element Name  | Req | Type | Min/Max | Usage    |
|-------|-----|---|-----|------|---------|----------|
| G2301 | 336 | Terms Type Code   | M   | ID   | 2/2     | Must use |
| G2302 | 333 | Terms Basis Date Code   | M   | ID   | 1/2     | Must use |
| 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<br>If G2305 list a discount% then G2310, G2311 and G2312 are required. | O   | R3   | 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  | C   | DT   | 8/8     | Used     |
| G2309 | 386 | Terms Net Days  | C   | 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: 090 Max: 1  
 Heading - Optional  
 Loop: N/A Elements: 2

User Option (Usage): Used

## Element Summary:

| Ref   | Id  | Element Name   | Req | Type | Min/Max | Usage    |
|-------|-----|--|-----|------|---------|----------|
| G2501 | 146 | Shipment Method of Payment<br><u>Code</u> <u>Name</u><br>CC            Collect<br>PB            Customer Pick-up/Backhaul<br>PP            Prepaid (by Seller) | M   | ID   | 2/2     | Must use |
| G2502 | 433 | F.O.B. Point Code<br><u>Code</u> <u>Name</u><br>02            Destination<br>03            Plant or Producing Location<br>04            Point of Origin        | M   | ID   | 2/2     | Must use |

# N1 Name

Pos: 100 Max: 1  
 Heading - Mandatory  
 Loop: 0100 Elements: 4

User Option (Usage): Must use

## Element Summary:

| Ref  | Id | Element Name   | Req | Type | Min/Max | Usage    |
|------|----|--|-----|------|---------|----------|
| N101 | 98 | Entity Identifier Code<br>Ralphs must have the vendor remittance information<br><u>Code</u> <u>Name</u><br>BT            Bill-to-Party<br>RE            Party to receive commercial invoice remittance<br>SF            Ship From<br>ST            Ship To | M   | ID   | 2/3     | Must use |
| N102 | 93 | Name   | C   | AN   | 1/60    | Used     |

|      |    |   |   |    |      |      |
|------|----|---|---|----|------|------|
| N103 | 66 | <b>Identification Code Qualifier</b>                                | C | 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 | <b>Identification Code</b>  | C | AN | 2/80 | Used |

## N3 Address Information

|                    |             |
|--------------------|-------------|
| Pos: 120           | 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       | <b>Address Information</b><br>Ralphs must have vendor remittance information | M          | AN          | 1/55           | Must use     |
| N302       | 166       | <b>Address Information</b><br>When sending N101 = RE, must send N301         | O          | AN          | 1/55           | Used         |

## N4 Geographic Location

|                    |             |
|--------------------|-------------|
| Pos: 130           | 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        | <b>City Name</b>   | O          | AN          | 2/30           | Used         |
| N402       | 156       | <b>State or Province Code</b>  | O          | ID          | 2/2            | Used         |
| N403       | 116       | <b>Postal Code</b><br>When sending N101 = RE, must send N401,N402,N403 | O          | ID          | 3/15           | Used         |

## G72 Allowance or Charge

|                    |             |
|--------------------|-------------|
| Pos: 140           | 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              Pick-up 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</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>  | C          | R4          | 1/15           | Used         |
| G7206      | 339       | <b>Allowance or Charge Quantity</b>  | C          | R3          | 1/10           | Used         |
| G7207      | 355       | <b>Unit or Basis for Measurement Code</b>  | C          | ID          | 2/2            | Used         |
| G7208      | 360       | <b>Allowance or Charge Total Amount</b><br>Segment usage is optional, but when sending, adhere to the requirements. At header level for G72, G7208 is preferred, not | C          | N2          | 1/15           | Used         |

G7205. Please include a minus sign in the element if the allowance is to be subtracted from the invoice.

|       |     |                                 |   |    |     |      |
|-------|-----|---------------------------------|---|----|-----|------|
| G7209 | 332 | <b>Percent</b>                  | C | R3 | 1/6 | Used |
| G7210 | 828 | <b>Dollar Basis For Percent</b> | C | R2 | 1/9 | Used |

## G73 Allowance or Charge Description

|                    |             |
|--------------------|-------------|
| Pos: 150           | 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 head level is sent |           |                              |            |             |                |              |

## G17 Item Detail - Invoice

|                   |             |
|-------------------|-------------|
| Pos: 010          | Max: 1      |
| Detail - Optional |             |
| Loop: 0300        | 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> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| G1701      | 358       | <b>Quantity Invoiced</b>                  | M          | R3          | 1/10           | Must use     |
| G1702      | 355       | <b>Unit or Basis for Measurement Code</b> | M          | ID          | 2/2            | Must use     |
| G1703      | 237       | <b>Item List Cost</b>                     | C          | R4          | 1/9            | Used         |
| G1704      | 438       | <b>U.P.C. Case Code</b>                   | C          | AN          | 12/12          | Used         |
| G1705      | 235       | <b>Product/Service ID Qualifier</b>       | C          | ID          | 2/2            | Used         |
| G1706      | 234       | <b>Product/Service ID</b>                 | C          | AN          | 1/48           | Used         |
| G1710      | 382       | <b>Number of Units Shipped.</b>           | C          | R0          | 1/10           | Used         |
| G1711      | 355       | <b>Unit or Basis for Measurement Code</b> | C          | ID          | 2/2            | Used         |

G1710 should contain number of cases & G1711 = CA  
Case Cost and UPC 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: 020          | 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       | <b>Free-form Description</b> | M          | AN          | 1/45           | Must use     |

# G20 Item Packing Detail

Pos: 040 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       | <b>Pack</b>                               | O          | N0          | 1/6            | Used         |
| G2002      | 357       | <b>Size</b>                               | C          | R3          | 1/8            | Used         |
| G2003      | 355       | <b>Unit or Basis for Measurement Code</b> | C          | ID          | 2/2            | Used         |

G2001 & 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: 070 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      Pick-up 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</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>  | C          | R4          | 1/15           | Used         |
|            |           | If an allowance the rate should be negative (-)  |            |             |                |              |
| G7206      | 339       | <b>Allowance or Charge Quantity</b>  | C          | R3          | 1/10           | Used         |
| G7207      | 355       | <b>Unit or Basis for Measurement Code</b>  | C          | ID          | 2/2            | Used         |
| G7208      | 360       | <b>Allowance or Charge Total Amount</b>  | C          | 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, 06, 07, or G7208, or G7209-10 are required. Please include a minus sign in the element if the allowance is to be subtracted from the invoice. |            |             |                |              |
| G7209      | 332       | <b>Percent</b>   | C          | R3          | 1/6            | Used         |
| G7210      | 828       | <b>Dollar Basis For Percent</b>  | C          | R2          | 1/9            | Used         |

# G73 Allowance or Charge Description

|                   |             |
|-------------------|-------------|
| Pos: 080          | Max: 10     |
| Detail - Optional |             |
| Loop: 0310        | Elements: 1 |

User Option (Usage): Used

**Element Summary:**

| Ref                                     | Id  | Element Name          | Req | Type | Min/Max | Usage    |
|---|-----|-----------------------|-----|------|---------|----------|
| G7301                                   | 369 | Free-form Description | M   | AN   | 1/45    | Must use |
| Required if G72 at detail level is sent |     |                       |     |      |         |          |

# G31 Total Invoice Quantity

|                     |             |
|---------------------|-------------|
| Pos: 010            | Max: 1      |
| Summary - Mandatory |             |
| Loop: N/A           | Elements: 6 |

User Option (Usage): Must use

**Element Summary:**

| Ref   | Id  | Element Name                       | Req | Type | Min/Max | Usage    |
|-------|-----|------------------------------------|-----|------|---------|----------|
| G3101 | 382 | Number of Units Shipped            | M   | R0   | 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                             | C   | R2   | 1/10    | Used     |
| G3104 | 355 | Unit or Basis for Measurement Code | C   | ID   | 2/2     | Used     |
|       |     | <u>Code</u> <u>Name</u>            |     |      |         |          |
|       |     | LB            Pound                |     |      |         |          |
|       |     | OZ            Ounce - Av           |     |      |         |          |
| G3105 | 183 | Volume                             | C   | R3   | 1/8     | Used     |
| G3106 | 355 | Unit or Basis for Measurement Code | C   | ID   | 2/2     | Used     |
|       |     | <u>Code</u> <u>Name</u>            |     |      |         |          |
|       |     | CF            Cubic Feet           |     |      |         |          |

# G33 Total Dollars Summary

|                     |             |
|---------------------|-------------|
| Pos: 020            | Max: 1      |
| Summary - Mandatory |             |
| Loop: N/A           | Elements: 1 |

User Option (Usage): Must use

**Element Summary:**

| Ref  | Id  | Element Name | Req | Type | Min/Max | Usage    |
|--|-----|--------------|-----|------|---------|----------|
| G3301  | 610 | Amount       | M   | N2   | 1/15    | Must use |
| Ralphs expects the Gross Amount. All other expects the Net Amount. |     |              |     |      |         |          |

**DATA EXAMPLE**

G01\*20050110\*1729517\*20050103\*77214~  
 N9\*BM\*123456\*  
 G62\*11\*20050110~  
 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\*RE\*Foods\*9\*1234567891234~  
 G17\*52\*CA\*50.85\*001111080762~  
 G69\*Btr Qtr 1Lb~  
 G17\*120\*CA\*7.92\*002640017180~  
 G69\*Trim~  
 G17\*24\*CA\*7.92\*002640022320~  
 G69\*SC~  
 G17\*65\*CA\*38.34\*002640000020~  
 G69\*Btr Qtrs 1Lb 18cs~  
 G17\*39\*CA\*14.04\*002640001040~  
 G69\*Whip Btr 8oz~  
 G17\*120\*CA\*14.52\*002640085320~  
 G69\*CC 1lb 12pk~  
 G72\*47\*02\*\*\*-2.4~  
 G17\*480\*CA\*14.52\*002640085310~  
 G69\*Curd CC 1LB 12pk~  
 G72\*47\*02\*\*\*-2.4~  
 G17\*30\*CA\*14.52\*002640085340~  
 G69\*Sm Curd CC 1Lb 12pk~  
 G17\*120\*CA\*14.52\*002640085400~  
 G69\*SC Pt 12pk~  
 G72\*47\*02\*\*\*-1.2~  
 G17\*30\*CA\*14.52\*002640085391~  
 G69\*Pine CC 1Lb 12pk~  
 G17\*105\*CA\*13.74\*002640085360~  
 G69\*Trim CC 2Lb 6pk~  
 G17\*75\*CA\*13.74\*002640085350~  
 G69\*Sm Curd CC 2Lb 6pk~  
 G31\*1260\*LB\*~  
 G33\*1903914~