

INTER-AMERICAN PRODUCTS, INC.



810 Invoice

X12/V5010/810 : 810 Invoice

Version: 1.0

Created: 9/29/2020
Modified: 1/6/2021

810 Invoice

Functional Group=IN

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
0200	BIG	Beginning Segment for Invoice	M	1		
0500	REF	Reference Information	O	12		
LOOP ID - N1					200	
0700	N1	Party Identification	O	1		
0900	N3	Party Location	O	2		
1000	N4	Geographic Location	O	1		
1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
1400	DTM	Date/Time Reference	O	10		
1500	FOB	F.O.B. Related Instructions	O	1		

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
LOOP ID - IT1					200000	
0100	IT1	Baseline Item Data (Invoice)	O	1		
0300	IT3	Additional Item Data	O	5		
LOOP ID - PID					1000	
0600	PID	Product/Item Description	O	1		
1000	PO4	Item Physical Details	O	1		
LOOP ID - SAC					≥1	
1800	SAC	Service, Promotion, Allowance, or Charge Information	O	1		

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
0100	TDS	Total Monetary Value Summary	M	1		
LOOP ID - SAC					≥1	
0400	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
LOOP ID - ISS					≥1	
0600	ISS	Invoice Shipment Summary	O	1		
0700	CTT	Transaction Totals	O	1		N3/0700

BIG Beginning Segment for Invoice

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
BIG01	373	Date	M	DT	8/8
		Note: Invoice Date expressed as CCYYMMDD			
BIG02	76	Invoice Number	M	AN	1/22
		Note: Identifying number assigned by issuer			
BIG03	373	Date	O	DT	8/8
		Note: PO Date expressed as CCYYMMDD			
BIG04	324	Purchase Order Number	O	AN	1/22
		Note: Identifying number for Purchase Order assigned by the orderer/purchaser			

REF Reference Information

Pos: 0500	Max: 12
Heading - Optional	
Loop: N/A	Elements: 2

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3
		<u>Code</u> <u>Name</u>			
		BM Bill of Lading Number			
REF02	127	Reference Identification	M	AN	1/30

N1 Party Identification

Pos: 0700	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
N101	98	Entity Identifier Code	M	ID	2/3
		<u>Code</u> <u>Name</u>			
		BT Bill-to-Party			
		RE Party to receive commercial invoice remittance			
		ST Ship To			
N102	93	Name	M	AN	1/60
N103	66	Identification Code Qualifier	M	ID	1/2
		<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	M	AN	2/80

N3 Party Location

Pos: 0900	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
N301	166	Address Information	M	AN	1/55
N302	166	Address Information	O	AN	1/55

N4 Geographic Location

Pos: 1000	Max: 1
Heading - Optional	
Loop: N1	Elements: 3

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
N401	19	City Name	O	AN	2/30
N402	156	State or Province Code	X	ID	2/2
N403	116	Postal Code	O	ID	3/15

ITD Terms of Sale/Deferred Terms of Sale

Pos: 1300	Max: >1
Heading - Optional	
Loop: N/A	Elements: 8

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
ITD01	336	Terms Type Code	M	ID	2/2
Note: If ITD01 is 05 then ITD06 or ITD07 must be used.					
		<u>Code</u> <u>Name</u>			
		01 Basic			
		05 Discount Not Applicable			
ITD02	333	Terms Basis Date Code	O	ID	1/2
ITD03	338	Terms Discount Percent	M	R	1/6
ITD04	370	Terms Discount Due Date	X	DT	8/8
ITD05	351	Terms Discount Days Due	X	N0	1/3
ITD06	446	Terms Net Due Date	O	DT	8/8
ITD07	386	Terms Net Days	O	N0	1/3
ITD08	362	Terms Discount Amount	O	N2	1/10

DTM Date/Time Reference

Pos: 1400	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3
		<u>Code</u> <u>Name</u>			
		011 Shipped			
		035 Delivered			
DTM02	373	Date	M	DT	8/8

FOB F.O.B. Related Instructions

Pos: 1500	Max: 1
Heading - Optional	
Loop: N/A	Elements: 3

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
FOB01	146	Shipment Method of Payment	M	ID	2/2
		<u>Code</u> <u>Name</u>			
		BP Paid by Buyer			
		CC Collect			
		DE Per Contract			
		PB Customer Pickup/Backhaul			
		PP Prepaid (by Seller)			
FOB02	309	Location Qualifier	X	ID	1/2
FOB03	352	Description	O	AN	1/80

IT1 Baseline Item Data (Invoice)

Pos: 0100 Max: 1
 Detail - Optional
 Loop: IT1 Elements: 7

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
IT102	358	Quantity Invoiced	X	R	1/10
IT103	355	Unit or Basis for Measurement Code	X	ID	2/2
IT104	212	Unit Price	X	R	1/17
IT106	235	Product/Service ID Qualifier	X	ID	2/2
		<u>Code</u> <u>Name</u>			
		IN Buyer's Item Number			
IT107	234	Product/Service ID	X	AN	1/48
IT108	235	Product/Service ID Qualifier	X	ID	2/2
IT109	234	Product/Service ID	X	AN	1/48

IT3 Additional Item Data

Pos: 0300	Max: 5
Detail - Optional	
Loop: IT1	Elements: 2

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
IT301	382	Number of Units Shipped	X	R	1/10
		Note: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set			
IT302	355	Unit or Basis for Measurement Code	X	ID	2/2
		Note: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			

PID Product/Item Description

Pos: 0600	Max: 1
Detail - Optional	
Loop: PID	Elements: 2

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
PID01	349	Item Description Type	M	ID	1/1
PID05	352	Description	X	AN	1/80

PO4 Item Physical Details

Pos: 1000	Max: 1
Detail - Optional	
Loop: IT1	Elements: 3

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
PO401	356	Pack	O	N0	1/6
PO402	357	Size	X	R	1/8
PO403	355	Unit or Basis for Measurement Code	X	ID	2/2

SAC Service, Promotion, Allowance, or Charge Information

Pos: 1800	Max: 1
Detail - Optional	
Loop: SAC	Elements: 8

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
SAC01	248	Allowance or Charge Indicator	M	ID	1/1
		<u>Code</u> <u>Name</u>			
		A Allowance			
		C Charge			
SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID	4/4
SAC05	610	Amount	O	N2	1/15
SAC06	378	Allowance/Charge Percent Qualifier	X	ID	1/1
SAC07	332	Percent	X	R	1/6
SAC08	118	Rate	O	R	1/9
SAC09	355	Unit or Basis for Measurement Code	X	ID	2/2
SAC10	380	Quantity	X	R	1/15

TDS Total Monetary Value Summary

Pos: 0100 Max: 1
 Summary - Mandatory
 Loop: N/A Elements: 3

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
TDS01	610	Gross Amount	M	N2	1/15
TDS02	610	Amount Subject to Discount	O	N2	1/15
TDS03	610	Net Amount	M	N2	1/15

SAC Service, Promotion, Allowance, or Charge Information

Pos: 0400	Max: 1
Summary - Optional	
Loop: SAC	Elements: 9

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
SAC01	248	Allowance or Charge Indicator	M	ID	1/1
		<u>Code</u> <u>Name</u>			
		A Allowance			
		C Charge			
SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID	4/4
SAC05	610	Amount	O	N2	1/15
SAC06	378	Allowance/Charge Percent Qualifier	X	ID	1/1
SAC07	332	Percent	X	R	1/6
SAC08	118	Rate	O	R	1/9
SAC09	355	Unit or Basis for Measurement Code	X	ID	2/2
SAC10	380	Quantity	X	R	1/15
SAC12	331	Allowance or Charge Method of Handling Code	O	ID	2/2
		<u>Code</u> <u>Name</u>			
		02 Off Invoice			
		06 Charge to be Paid by Customer			

ISS Invoice Shipment Summary

Pos: 0600	Max: 1
Summary - Optional	
Loop: ISS	Elements: 2

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
ISS01	382	Number of Units Shipped	M	R	1/10
ISS02	355	Unit or Basis for Measurement Code	M	ID	2/2

CTT Transaction Totals

Pos: 0700	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
CTT01	354	Number of Line Items	M	N0	1/6

SAMPLE DATA

ISA*00* *00* *ZZ*188187553FF1 *08*9254110MFG*200326*2350**^*00501*000003455*0*P*>~
GS*IN*188187553FF1*5137621274*20200326*2350*3455*X*005010~
ST*810*34530007~
BIG*20200429*INV1000393_2*20200330*1000393~
REF*BM*6048081~
N1*BT*Kroger HQ*9*0451487310177~
N3*1014 Vine Street,*DONNA WHITE~
N4*CINCINNATI*OH*45202~
N1*ST*Pace Dairy/Indiana*9*0451487310177~
N3*800 Englewood Drive,*DONNA WHITE~
N4*Crawfordsville*IN*479339741~
N1*VN*Elite Spice, Inc.*9*182893370~
N3*7151 MONTEVIDEO RD,*DONNA WHITE~
N4*JESSUP*MD*20794~
ITD*01**1**10**90~
DTM*011*20200429~
FOB*CC~
IT1**12*LB*2.01**IN*040043~
PID*F***CHEESE - MOZZARELLA - LOW MOISTURE - WHOLE MI~
IT1**157*LB*2.21**IN*040009~
PID*F***CHEESE - MOZZARELLA - LOW MOISTURE - PART SKIM~
IT1**7667*GR*.02204**IN*110032~
PID*F***CALCIUM PROPIONATE~
IT1**54*TN*20**IN*090068~
PID*F***COCOA - NATURAL 10-12~
TDS*163461~
CAD*M***CPUX*CPU Common carrier~
SAC*C*D240***100*****FreightOnFlour~
SAC*C*F180***120*****06***PALLET CHARGE~
SAC*C*H750***1234*****06***TAX CHARGE~
ISS*3300*LB~
CTT*4~
SE*31*34530007~
GE*1*3455~
IEA*1*000003455~