Sample ANSI X12 810 Invoice Document

Interchange Control Header (ISA)

ISA* 00* *00* *12*SENDERID *12*RECEIVERID *240620*1400*U*00401*000000001*0*P*>~

Functional Group Header (GS)

GS* IN*SENDERID*RECEIVERID*20240620*1400*1*X*004010~

Invoice Beginning Segment (ST/Big)

ST* 810*0001~
BIG* 20240620*INV123456*20240619*PO998877~

N1 Segment (Name Information)

N1* ST*Acme Corporation*92*123456789~

ITD Segment (Terms of Sale)

ITD* 01*3**2**30**31~

Detail Section - Items (IT1)

IT1	Quantity	Unit	Unit Price	Product ID	Description
IT1*	10	EA	12.50	ABC123	Widget Type A
IT1*	5	EA	22.00	XYZ789	Part B

TDS Segment (Total Monetary Value Summary)

TDS* 185000~ (in cents: $1,850.00)

Invoice End Segments (SE/GE/IEA)

SE* 11*0001~
GE* 1*1~
IEA* 1*000000001~

Important Notes about ANSI X12 810 Invoice

- The 810 document is the standard EDI format for invoices in North America.
- Each line after the `IT1` segment represents an invoice item, including product details and quantity.
- Monetary amounts in `TDS` are represented in cents, not dollars.
- Each segment ends with a tilde (~) as a standard delimiter.
- The document uses fixed segment identifiers (ISA, GS, ST, BIG, N1, IT1, TDS, SE, GE, IEA) to define structure and context.