Electronic Document Interchange Guide

Version 1.a (September 2022)

1. Intention of this guide

EThe objective of this guide is to provide companies with all the information necessary for the interchange of commercial documents through the EDI standard with MIFARMA TIENDA ONLINE, S.L.

For said interchange to be efficient, we consider it indispensable that all the departments of the organization involved learn the content of this document, and especially the IT area.

Those companies that already have EDI systems implemented and working, will find in this guide the information necessary to adapt their systems to the requirements of MIFARMA TIENDA ONLINE, S.L. both in that referring to communications as well as to the structure of the messages.

If you are not EDI users and will begin to use the system, this guide will provide information of interest that will help in this process.

For everything related to the content of this guide and the start-up of the EDI project, you can contact MIFARMA TIENDA ONLINE, S.L. or our supplier, Ediversa Group.

MIFARMA contact data	Ediversa Group contact data
For management issues: Sales Dept: e-mail: compras@mifarma.es	Telephone: 931 833 790 **For technical issues** e-mail: soporte@Ediversa.com **For comercial issues** e-mail: info@Ediversa.com

2. Getting started

El If your company already has an EDI system in place, you should provide your service supplier with the information contained in this guide, so they can adapt your systems to the requirements of MIFARMA TIENDA ONLINE, S.L.

If you still don't have an EDI system, save this information for when you do have it in place.

Bear in mind that our sector uses the EDI system in accordance with the regulations and recommendations of GS1 (formerly EAN International). The above mentioned recommendations stipulate that EAN codes are the sole system-identifier of all products and their implicated parts during the interchange of documents via EDI. Companies that do not support EAN coding should contact AECOC (The Spanish Association of Commercial Codification, representative of Spain's GS1) to initiate its acquisition.

3. Communications

MIFARMA TIENDA ONLINE, S.L. has a central GLN identifier for EDI interchanges and a mailbox within the Ediversa Group network.

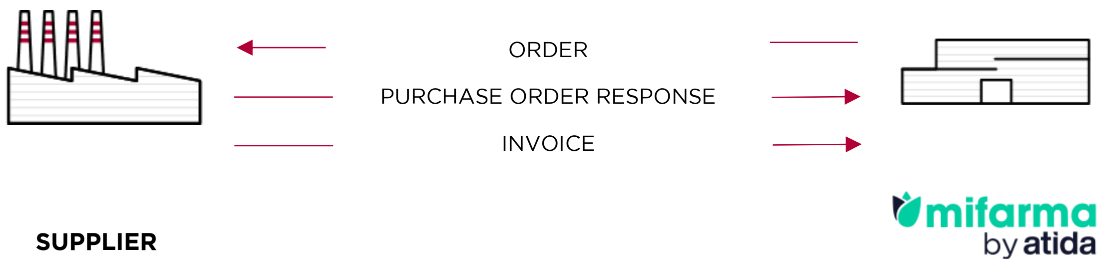
Company	GLN
MIFARMA TIENDA ONLINE, S.L.	8437022633008

4. Messages

This guide has been developed based on the AECOC Health Sector Guide. It indicates the data that MIFARMA TIENDA ONLINE, S.L. will include in the messages sent (order), as well as the data that MIFARMA TIENDA ONLINE, S.L. will take into account when reading the messages received (shipping notice and invoice). For these messages received, it is necessary to note that any data not contemplated in this guide will be ignored, but in no case will it cause the rejection of the messages.

MIFARMA TIENDA ONLINE, S.L. will interchange the following documents:

Type of document	Meaning	From	To
ORDERS D.96A UN EAN008	Order	MIFARMA TIENDA ONLINE, S.L	Supplier
DESADV D.96A UN EAN005	Purchase Order Response	Supplier	MIFARMA TIENDA ONLINE, S.L
INVOIC D.93 UN EAN007	Invoice	Supplier	MIFARMA TIENDA ONLINE, S.L



5. Global Location Number and Logistical Structure

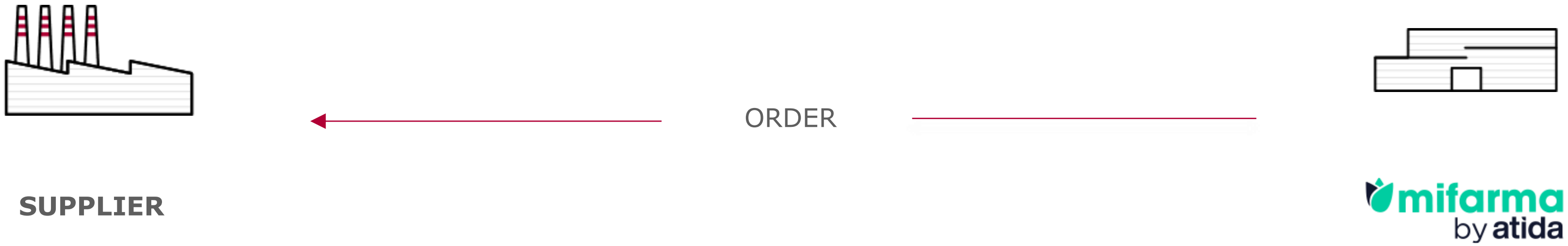
Main GLN (UNB): 8437022633008

Buyer (NAD+BY) and Recipients if the invoice (NAD+IV): 8437022633008

Delivery points (NAD+DP): See list of centers attached to this guide.

Center	Physical GLN	Address	City	Province	Zip
ALMACÉN MIFARMA	8437022633015	C/Quito s/n, Polígono Monteara	Chinchilla de Monte-Aragón	Albacete	02520

6. ORDERS document guide sent by MIFARMA to the supplier



Scenario for the order message

The ORDERS message details the goods or services ordered according to previous agreements between MIFARMA TIENDA ONLINE, S.L. and the supplier. In addition, quantities, dates, delivery locations, prices and final amounts are specified. An order is issued for each delivery location.

MIFARMA TIENDA ONLINE, S.L. will use the EANCOM purchase order to indicate specific services or criteria that apply to each order. Each order function corresponds to a code. Among the scenarios provided in the AECOC Health Sector guide, MIFARMA TIENDA ONLINE, S.L. will only use the following:

6.1. Header section

Element	Status	Description	Possible values	Example
UNH - Message header				
0062	Mandatory	Message reference number (generated by sender)		12345
S009-0065	Mandatory	Message type identifier	ORDERS	ORDERS
S009-0052	Mandatory	Message type version number	D	D
S009-0054	Mandatory	Message type release number	96A	96A
S009-0051	Mandatory	Controlling agency	UN	UN
S009-0057	Mandatory	Association assigned code	EAN008	EAN008
Mandatory segment in all cases.				
Example: UNH+12345+ORDERS:D:96A:UN:EAN008'				
BGM – Beginning of the message				
C002-1001	Mandatory	Type of document	220 = Regular order (programmed)	220
1004	Mandatory	Order number generated by the sender		C12345
1225	Optional	Message function	9 = Original	9
Segment used in all cases				
Example: BGM+220+C12345+9'				

Element	Status	Description	Possible values	Example
DTM – Date/Time/Period				
C507-2005	Mandatory	Date/Time/Period qualifier	137 = Order date 2 = Delivery date required 63 = Last delivery date 64 = First delivery date	137
C507-2380	Mandatory	Date/Time/Period		20210601
C507-2379	Mandatory	Date/Time/Period	102 = YYYYMMDD	102
This segment is used in all cases to indicate the order date.				
Example: DTM+137:20210601:102'				
ALI – Additional information				
4183	Mandatory	Special conditions, coded	81E = Invoice, but do not restock 82E = Send, but do not invoice 83E = Delivery complete order	85E
Optional segment used to indicate specific conditions of the order				
Example: ALI+++85E'				

Element	Status	Description	Possible values	Example
FTX – Free text				
4451	Optional	Subject quialifier	AAI = General information	AAI
C108-4440	Optional	Free text		
Segment used on some occasions to indicate free text observations of the order.				
Example: FTX+AAI+++Observations about the order				
RFF - References				
C506-1153	Optional	Reference qualifier	BO = Open order number CT = Contract	BO
C506-1154	Optional	Reference number		567
Segment used to indicate additional references to the order.				
Example: RFF+BO:567'				

Element	Status	Description	Possible values	Example
NAD – Name and Address				
3035	Mandatory	Party qualifier	MS = Document/message sender/sender MR = Message recipient BY = Buyer (requester) SU = Supplier (requestee) DP = Delivery party IV = Invoicee PW = Despatch party	MS
C082-3039	Mandatory	Party identification (GLN, Global Location Number), in format EAN-13.		8437022633008
C082-3055	Optional	Code list responsible agency, coded	9 = EAN	9
The supplier is obligated to send segments NAD corresponding to the buyer (BY), supplier (SU), document/message sender (MS) and message recipient (MR). The others are optional.				
Example: NAD+MS+8437022633008::9'				
RFF - References				
C506-1153	Optional	Reference qualifier	VA = Number of fiscal identification (CIF)	VA
C506-1154	Optional	Reference		B02518041
Segment to indicate additional references of the parties.				
Example: RFF+VA:B02518041'				

Element	Status	Description	Possible values	Example
CTA - Contact information				
3139	Optional	Function of the contact, coded	IC = Information contact OC = Order contact PD = Purchasing contact	OC
C056-3412	Optional	Departament or employee		
Segment used to indicate contact details of the party specified in previous segment NAD.				
Example: CTA+OC+:CONTACTO'				
COM – Communication contact				
C076-3148	Optional	Number to communicate		
C076-3155	Optional	Communication channel qualifier	TE = Telephone EM = Email	EM
Segment used to indicate the number and type of communication for the personnel or department identified in the previous segment CTA.				
Example: COM+compras@mifarma.es:EM'				
CUX - Currency				
C504-6347	Mandatory	Currency details qualifier	2 = Reference currency	2
C504-6345	Mandatory	Currency, coded	EUR = Euros	EUR
C504-6343	Mandatory	Currency qualifier	9 = Invoicing currency	9
The segment will indicate the currency to use for amounts and prices in the order.				
Example: CUX+2:EUR:9'				

Element	Status	Description	Possible values	Example
PAT – Payment terms				
4279	Optional	Payment terms type qualifier	21 = Various maturity dates 10E = Instant	10E
C112-2475	Optional	Reference to payment period, coded	5 = Invoice date 72 = Pay date	5
C112-2009	Optional	Time ration, coded	1 = Reference date 3 = After the reference	3
C112-2151	Optional	Period type, coded	D = Day M = Month Y = Year	D
C112-2152	Optional	Number of periods		30
Segment to indicate type of maturity.				
Example: PAT+10E++5:3:D:30'				
DTM - Date/Time/Period				
C507-2005	Optional	Date/Time/Period qualifier	13 = Maturity date	13
C507-2380	Optional	Date/Time/Period		20210601
C507-2379	Optional	Date/Time/Period format	102 = YYYYMMDD	102
This segment is used to specify the maturity date of each payment term.				
Example: DTM+13:20210601:102'				

MOA – Monetary Amounts				
C516-5025	Optional	Monetary amount type qualifier	23 = Charge amount	13
C516-5004	Optional	Monetary amount (according to previous qualifier)		100
Segment to specify the monetary amount subject to maturity indicated in the previous segment.				
Example: MOA+23:100'				

6.2. Line detail

Element	Status	Description	Possible values	Example
LIN – Line item header				
1082	Mandatory	Line item number		1
C212-7140	Mandatory	Item number GTIN (EAN)		8400862141404
C212-7143	Mandatory	Item number type, coded	EN = EAN	EN
Mandatory segment of line item header that identifies the item with its GTIN code in EAN format.				
Example: LIN+1++8400862141404:EN'				
PIA – Referencias adicionales				
4347	Mandatory	Product id. function qualifier	1 = Additional information	1
C212-7140	Mandatory	Article number		222222
C212-7143	Mandatory	Item type number	IN = Buyer item number SA = Supplier article number ADU = EAN article code	IN
Optional segment used to indicate additional article references.				
Example: PIA+1+222222:IN'				

IMD – Item description				
7077	Optional	Item description type, coded	F = Free form	F
C273-7008	Optional	Item description in free text		Description
Segment to indicate item description in free text.				
Example: IMD+F++:::Description of the specialty 1'				

Element	Status	Description	Possible values	Example
QTY – Quantities				
C186-6063	Mandatory	Quantity qualifier	21 = Ordered quantity 59 = Number of consumer units in the traded unit 192 = Quantity of goods without charge	21
C186-6060	Mandatory	Quantity (according to previous qualifier)		15
Segment used to indicate the amount ordered. The quantities ordered will always be indicated.				
Example: QTY+21:15'				
DTM - Date/Time/Period				
C507-2005	Optional	Date/Time/Period qualifier	2 = Delivery date/time requested	2
C507-2380	Optional	Date/Time/Period		20210601
C507-2379	Optional	Date/Time/Period format	102 = YYYYMMDD	102
Optional segment used to indicate delivery date on a line. In its absence, the delivery date adapted will be that from order header.				
Example: DTM+2:20210601:102'				

MOA – Monetary Amounts				
C516-5025	Mandatory	Monetary amount type qualifier	66 = Goods item total 388 = Amount by line with taxes	66
C516-5004	Mandatory	Monetary amount		264
Segment used to indicate net amount per line.				
Example: MOA+66:264’				

Element	Status	Description	Possible values	Example
PRI – Price details				
C509-5125	Mandatory	Price qualifier	AAA = Net unit price AAB = Gross unit price INF = Price for informational purposes	AAA
C509-5118	Mandatory	Price (per unit according to the previous qualifier)		9
Segment used to indicate the unit prices of the article: gross (without allowances) and net (with allowances).				
Example: PRI+AAA:9'				
ALC – Allowances or charges				
5463	Mandatory	Allowance or charge qualifier	A = Allowance	A
1227	Optional	Calculation sequence indicator, coded. If not indicated, use 1.	1…9= Calculation steps	1
C214-7161	Mandatory	Special services	EAB = Early payment allowance TD = Trade discount	TD
Optional segment used to indicate allowances.				
Example: ALC+A+++1+TD'				
PCD – Percentage details				
C501-5245	Mandatory	Percentage qualifier	3 = Allowance or Charge	1
C501-5482	Mandatory	Percentage		3.5
This segment is used to specify the percentage of allowance applied in the previous segment ALC.				

Element	Status	Description	Possible values	Example
PRI – Price details				
C509-5125	Mandatory	Price qualifier	AAA = Net unit price AAB = Gross unit price INF = Price for informational purposes	AAA
C509-5118	Mandatory	Price (per unit according to the previous qualifier)		9
Segment used to indicate the unit prices of the article: gross (without allowances) and net (with allowances).				
Example: PRI+AAA:9'				
ALC – Allowances or charges				
5463	Mandatory	Allowance or charge qualifier	A = Allowance	A
1227	Optional	Calculation sequence indicator, coded. If not indicated, use 1.	1…9= Calculation steps	1
C214-7161	Mandatory	Special services	EAB = Early payment allowance TD = Trade discount	TD
Optional segment used to indicate allowances.				
Example: ALC+A+++1+TD'				
Example: PCD+3:3.5’				

Element	Status	Description	Possible values	Example
MOA – Monetary Amounts				
C516-5025	Mandatory	Monetary amount type qualifier	8 = Allowance or charge amount	8
C516-5004	Mandatory	Monetary amount		0.0905
This segment is used to specify the monetary amount to apply a percentage indicated in the previous segment to the total sum of gross amount per line.				
Example: MOA+8:0.0905'				
TAX – Duty/Tax/Fee details				
5283	Optional	Duty/tax/fee function qualifier	7 = Tax	7
C241-5153	Optional	Duty/tax/fee type, coded	VAT = Value added tax	VAT
C243-5278	Optional	Duty/tax/fee rate		21
Se enviará este segmento para indicar la información de impuestos que aplican al artículo.				
Example: TAX+7+VAT+++:::21'				
MOA – Monetary Amounts				
C516-5025	Optional	Monetary amount type qualifier	124 = Tax amount	124
C516-5004	Optional	Monetary amount		15.33
This segment is used to indicate the monetary amounts related to the tax specified in the previous segment TAX.				
Example: MOA+124:15.33'				

6.3. Summary section

Element	Status	Description	Possible values	Example
UNS – Section control				
0081	Mandatory	Section identification	S = Detail/summary section separation	S
Mandatory section to indicate that the line detail section finishes and the summary section begins.				
Example: UNS+S'				
MOA – Monetary Amounts				
C516-5025	Mandatory	Monetary amount type qualifier	79 = Total line items amount 139 = Total payable amount	79
C516-5004	Mandatory	Monetary amount		145.87
This segment is always sent to indicate the total net amount of the order.				
Example: MOA+79:145.87'				
UNT – End of message				
0074	Mandatory	Number of segments in the message		72
0062	Mandatory	Message reference number assigned by the sender		12345
Mandatory segment that indicates end of the message.				
Example: UNT+72+12345'				

6.4. Example of the ORDERS message

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UNH+5303+ORDERS:D:96A:UN:EAN008'
BGM+220+C12345+9'
DTM+137:20220905:102'
DTM+2:20220914:102'
DTM+63:20220914:102'
DTM+64:20220914:102'
RFF+BO:C12345'
NAD+SU+8400000000000'
NAD+BY+8437022633008::9++Mifarma Tienda Online, S.L.'
NAD+MS+8437022633008'
NAD+MR+8400000000000'
NAD+DP+8437022633015::9++Mifarma Tienda Online, S.L.+C/QUITO S/N, POLIGONO MONTEARA+Chinchilla de Monte-aragón++02520'
NAD+IV+8437022633008::9++Mifarma Tienda Online, S.L.'
RFF+VA:B02518041'
CUX+2:EUR:4'
PAT+10E++5:3:D:60'
DTM+13:20220914:102'
MOA+23:64'
LIN+1++8400000000000:EN'
PIA+1+8400000000000:ADU'
IMD+F++:::DESCRIPCION'
QTY+21:1'
MOA+66:64'
PRI+AAA:64'
PRI+AAB:64'
PRI+INF:64'
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UNS+S'

MOA+79:64'

MOA+139:64'

UNT+30+5303'

7. DESADV document guide (despatch advice message) sent from supplier to MIFARMA

DESADV message implementation

It is necessary for the correct management of DESADV messages that the sender of the message indicates additional logistic information. The additional information required for logistic delivery notes will be the following:

- Customer order number is mandatory.

- RFF+ON: Order number MIFARMA TIENDA ONLINE, S.L.

- It is mandatory to specify in the PAC segment the type of packaging sent and in another PAC segment the quantity of packages contained, according to the coding of MIFARMA TIENDA ONLINE, S.L. Suppliers must request the list of packaging codes directly to MIFARMA TIENDA ONLINE, S.L.

CPS+2+1’
PAC+1++99003’
PAC+200++80339’

- It is mandatory to indicate the original order line number in the detail section.

RFF+LI:10’

DESADV Clarifications

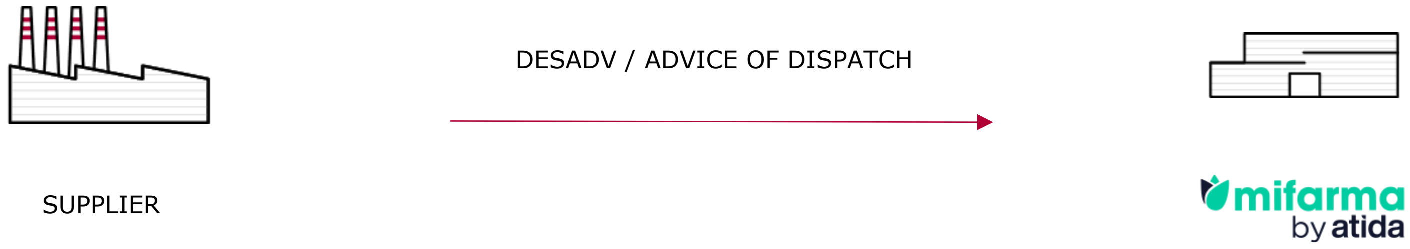
This Shipping Notice contains the following levels:

- Level 1: It indicates the number of groupings it contains and their type of packaging (pallet, box, etc.).
- Level 2: Indicates the grouping used within the shipment level, within which the items are already contained. It is optional for this grouping to be identified by an SSCC (Serial Shipping Unit Code). Each of these groupings has a sequential hierarchy number, but the predecessor is common and is always 1 (shipping level).
- Level 3: The items contained in each of the groupings of the previous level.

CPS+1'	Shipping level, Level 1
PAC+2++90002'	Two groupings are shipped, in this case number of packages = 2 pallets type 90002
CPS+2+1'	First grouping within the dispatch level (hierarchy number 2, Level 2)
PAC+1++90002'	Outer packaging level, pallet 90002'.
PCI+33E'	Packing/package marked with SSCC
GIN+BJ+399900000000000082'	Serial number of the first package
PAC+5++80339'	The pallet contains 5 boxes type 80339
LIN+1++8400000000001:EN'	First article of hierarchy grouping 2 (Level 3)
…	Segments of the first item of the grouping
PCI+36E'	Marking instructions
GIN+BX+LOTE11'	Batch of the first article
CPS+3+1'	Second grouping within dispatch level (hierarchy number 3, Level 2)
PAC+1++90002'	Outer packaging level, pallet 90002'.
PCI+33E'	Packing/package marked with SSCC
GIN+BJ+399900000000000099'	Serial number of the first package

PAC+3++80339'	The pallet contains 3 boxes type 80339
LIN+2++8400000000002:EN'	First article of hierarchy grouping 2 (Level 3)
…	Segments of the first item of the grouping
PCI+36E'	Marking instructions
GIN+BX+LOTE22'	batch of the second article

7.1. Header section



Scenario for the delivery of the goods

The despatch advice message details the goods sent or loaded, ready for the shipment to the recipient. The message refers to a single shipping point of the goods and a single destination point.

This message allows the recipient of the message to have the data necessary to prepare an efficient reception of goods and planning of the restocking to the healthcare entities. The dispatch advice message includes the order number for the shipment of goods. Each order should only generate one dispatch advice message, except when the shipment is done with more than one type of transportation for size issues.

The despatch advice message can include additional information about the products that were not available when the purchase order was made. For example: numbers of production batch, numbers of series of the specific products, expiry date, etc.

Mandatory information at the line item level

At the line level, it is mandatory to indicate the EAN code, the internal article number of the buyer and the seller, and the quantity to deliver. Also, it is mandatory to indicate:

- The batch number (when available). If there are various batch numbers, a LIN segment should be included for each batch number.

Element	Status	Description	Possible values	Example
UNH - Message header				
0062	Mandatory	Message reference number (generated by sender)		12345
S009-0065	Mandatory	Message type identifier	DESADV	DESADV
S009-0052	Mandatory	Message type version number	D	D
S009-0054	Mandatory	Message type release number	96A	96A
S009-0051	Mandatory	Controlling agency	UN	UN
S009-0057	Mandatory	Association assigned code	EAN005	EAN005
Mandatory segment in all cases.				
Example: UNH+12345+DESADV:D:96A:UN:EAN005'				
BGM - Beginning of the message				
C002-1001	Mandatory	Type of document	351 = Notice of dispatch	351
C002-1004	Mandatory	Order number generated by the sender		321
C002-1225	Optional	Message function	9 = Original	9
Mandatory segment in all cases.				
Example: BGM+351+321+9'				

Element	Status	Description	Possible values	Example
DTM - Date/Time/Period				
C507-2005	Mandatory	Date/Time/Period qualifier	137 = Document date/time 191 = Forecasted delivery date	137
C507-2380	Mandatory	Date/Time/Period		20210601
C507-2379	Mandatory	Date/Time/Period format	102 = YYYYMMDD	102
Mandatory segment at least twice to indicate document date/time and the forecasted delivery date.				
Example: DTM+137:20190301:102'				
MOA – Monetary Amounts				
C506-1153	Mandatory	Monetary amount type qualifier	79 = Total line items amount 139 = Total payable amount 98 = Total gross amount	79
C506-1154	Mandatory	Reference number		567
This segment is always sent to indicate the total net amount of the delivery note.				
Example: MOA+79:264'				

RFF - References				
C506-1153	Mandatory	Reference qualifier	ON = Order number DQ = Despatch advice number	ON
C506-1154	Mandatory	Reference number		567
Segment used to indicate the despatch advice number on paper and the order number.				
Example: RFF+ON:567'				

Element	Status	Description	Possible values	Example
DTM - Date/Time/Period				
C507-2005	Mandatory	Date/Time/Period qualifier	171 = Date of the reference	171
C507-2380	Mandatory	Date/Time/Period		20210601
C507-2379	Mandatory	Date/Time/Period format	102 = YYYYMMDD	102
Mandatory segment at least twice to indicate document date/time and the forecasted delivery date.				
Example: DTM+171:20210601:102'				
NAD - Name and Address				
3035	Mandatory	Party qualifier	MS = Document/message sender/sender MR = Message recipient BY = Buyer (requester) SU = Supplier (requestee) DP = Delivery point	BY
C082-3039	Mandatory	Party identification (GLN, Global Location Number), in format EAN-13.		8431622000000
C082-3055	Mandatory	Code list responsible agency, coded	9 = EAN	9
Segment used to indicate the parties that intervene in the document. Mandatory to indicate the three parties indicated.				
Example: NAD+BY+8431622000000::9'				

Element	Status	Description	Possible values	Example
CTA - Contact information				
3139	Optional	Function of the contact, coded	IC = Information contact OC = Order contact PD = Purchasing contact	OC
C056-3412	Optional	Department or employee		
Segment used to indicate contact details of the party specified in previous segment NAD.				
Example: CTA+OC+:CONTACTO'				
COM - Communication contact				
C076-3148	Optional	Number to communicate		
C076-3155	Optional	Communication channel qualifier	TE = Telephone EM = Email	EM
Segment used to indicate the number and type of communication of the personnel or department identified in the previous segment CTA.				
Example: COM+compras@mifarma.es:EM'				

TDT – Transportation details				
8051	Mandatory	Transportation qualifier	20 = Main transportation	20
C220-8067	Mandatory	Mode of transportation, coded	10 = Sea transportation 20 = Rail transportation 30 = Land transportation 40 = Air transportation 60 = Multimodal transportation	30
C040-3127	Optional	Identification of carrier		8400000000000
C040-3055	Optional	Code list responsible agency, coded	9 = EAN	9
C040-3128	Mandatory	Carrier name		COMPANY A
Segment used to specify transportation details.				
Example: TDT+20++30++8400000000000::9:EMPRESA A'				

Element	Status	Description	Possible values	Example
CPS – Consignment packing sequence				
7164	Mandatory	Hierarchical ID number		3
7166	Mandatory (except in the first grouping)	Hierarchical parent ID Hierarchical level depends on current packaging level.		1
Mandatory segment for each of the groupings that make up the delivery.				
Example: CPS+3+1'				

Element	Status	Description	Possible values	Example
PAC – Packaging information				
7224	Mandatory	Number of packages in the packaging		3
C202-7065	Mandatory	Type of packaging, coded	CT = Cardboard box BX = Closed box CHB = CHEP cage CS = Hard box PK = Package / Packing SL = Plastic plate packing sheet SW = Shrink wrap RO = Roll 09 =Returnable pallet 08 = Non-returnable pallet 200 = Pallet ISO 0 – 1/2 (80 x 60 cm) 201 = Pallet ISO 1 (80 x 120 cm) 202 = Pallet ISO 2 (100 x 120 cm) 203 = Pallet 1/4 EURO (60 x 40 cm) 204 = Pallet 1/8 EURO (40 x 30 cm) 210 = Wholesaler pallet 211 = Pallet (80 x 100 cm) 212 = Pallet (60 x 100 cm)	201

Mandatory segment for each of the groupings that make up the delivery.
Example: PAC+3++201'

7.2. Packing section

Element	Status	Description	Possible values	Example
MEA - Measurements				
6311	Mandatory	Measurement application qualifier	PD = Physcial dimensions	PD
C502-6313	Mandatory	Measurment dimension, coded	AAB = Gross unit weight AAD = Total Gross Weight HT = Height LN = Length WD = Width DP = Depth	AAB
C174-6411	Mandatory	Specifier of measurement unit	CMT = Centimeter KGM = Kilogram LTR = Liter (1 dm3) MTQ = Cubic meter	KGM
C174-6314	Mandatory	Measurment value		
Segment used to provide measurements related to each of the units and packaging level described in segment PAC.				
Example: MEA+PD+AAB+KGM:12'				

PCI – Packaging identification				
4233	Mandatory	Packaging instructions, coded	33E = Marked with the serial number of the delivery unit	33E
Mandatory segment to indicate the group will be labeled with a serial number (EAN-128)				
Example: PCI+33E'				

Element	Status	Description	Possible values	Example
GIN – Goods identity number				
7405	Mandatory	Identity number qualifier	Mandatory segment to indicate the serial code for the delivery unit.	BJ
C208-7402	Mandatory	Batch number		384123450020240015
Mandatory segment to indicate the serial code for the delivery unit.				
Example: GIN+BJ+384123450020240015'				

7.3. Line detail

Element	Status	Description	Possible values	Example
LIN – Line item header				
1082	Mandatory	Line item number		1
C212-7140	Mandatory	Item number GTIN (EAN)		8400862141404
C212-7143	Mandatory	Item number type, coded	EN = EAN	EN
Mandatory segment of line item header that identifies the item with its GTIN code in EAN format.				
Example: LIN+1++8400862141404:EN'				
PIA – Additional product ID				
4347	Optional	Product id. function qualifier	1 = Additional identification	1
C212-7140	Optional	Article number		78918AA
C212-7143	Optional	Item type number	SA = Supplier's article number	SA
Segment used to indicate references of additional articles.				
Example: PIA+1+78918AA:SA'				

IMD – Item description				
7077	Optional	Item type description, coded	C = Code F = Free form	C
C273-7009	Optional	Item characteristics	CU = Consumption unit	CU
C273-3055	Optional	Item description	9 = EAN	9
7008	Optional	Description of the item		
Segment to indicate item description in free text.				
Examples: IMD+C++CU::9' IMD+F++::9:DESCRIPCION'				

Element	Status	Description	Possible values	Example
MEA - Measurements				
6311	Mandatory	Measurement application qualifier	SO = Storage limit	SO
C502-6313	Mandatory	Measurment dimension, coded	TC = Temperature	TC
C174-6411	Mandatory	Specifier of measurement unit	CEL = Celsius	CEL
C174-6162	Mandatory	Lower limit		-4
C174-6152	Mandatory	Upper limit		4
Segment to specify physical measurements, including temperature tolerances.				
Example: MEA+SO+TC+CEL::-4:4'				
QTY – Quantities				
C186-6063	Mandatory	Quantity qualifier	12 = Amount sent 59 = Number of consumer units in the traded unit	12
C186-6060	Mandatory	Quantity (according to previous qualifier)		15
C186-6411	Optional	Measuring unit specifier. Only necessary for variable quantity units.	PCE = Units (pieces) KGM = Kilograms LTR = Liters	PCE
This segment should be used at least once to indicate amount sent.				
Example: QTY+12:15:PCE'				

Element	Status	Description	Possible values	Example
MOA – Monetary Amounts				
C516-5025	Mandatory	Monetary amount type qualifier	203 = Line item amount (without taxes) 388 = Amount by line with taxes	203
C516-5004	Mandatory	Monetary amount		264
C516-6345	Optional	Currency, coded	EUR = Euro ISO 4217 three letter code	
Segment used to indicate monetary amount related to item line.				
Example: MOA+203:264'				
RFF - References				
C506-1153	Mandatory	Reference qualifier	LI = Reference number of the item line ON = Order number	LI
C506-1154	Mandatory	Reference number		2
C506-1156	Mandatory	Line number		
Segment used to specify any references applicable to the item line. One of the two proposed formats can be used.				
Example: RFF+LI:2'				

PCI - Packaging identification				
4233	Mandatory	Packaging instructions, coded	36E = Instructions for the supplier	
This segment is used to provide information of brands and labels in the item identified in the segment LIN.				
Example: PCI+36E'				

Element	Status	Description	Possible values	Example
DTM - Date/Time/Period				
C507-2005	Mandatory	Date/Time/Period qualifier	36 = Expiration date 365 = Packaging or packing date	36
C507-2380	Mandatory	Date/Time/Period		20220201
C507-2379	Mandatory	Date/Time/Period format	102 = YYYYMMDD	102
Mandatory segment at least once to indicate the expiration date and/or packing date.				
Example: DTM+36:20220201:102'				
GIN – Goods identity number				
7405	Mandatory	Identity number qualifier	BX = Batch number	BX
C208-7402	Mandatory	Batch number		A98767
Mandatory segment to indicate the batch unit of the delivery.				
Example: GIN+BX+A98767'				

7.4 Summary section

Element	Status	Description	Possible values	Example
UNT – End of message				
0074	Mandatory	Number of segments in the message		72
0062	Mandatory	Message reference number assigned by the sender		12345
Mandatory segment that indicates end of the message.				
Example: UNT+72+12345'				

7.5 Example of the DESADV message

UNH+5304+DESADV:D:96A:UN:EAN005'

BGM+351+321+9'

DTM+137:20220905:102'

DTM+191:20220903:102'

ALI+++X6'

RFF+ON:C12345'

NAD+MS+8400000000000::9'

NAD+MR+8437022633008::9'

NAD+SU+8400000000000::9'

NAD+BY+8437022633008::9'

NAD+DP+8437022633015::9'

CPS+1'

PAC+1'

CPS+2+1'

PAC+1++201'

MEA++AAB:3+KGM:10.50'

PCI+33E'

GIN+BJ+300000000000001435'

CPS+3+2'

PAC+1+:52+CT'

PCI+33E'

GIN+BJ+300000000000001428'

LIN+1++8400000000000:EN'

PIA+1+333333:IN'

PIA+1+222222:SA'

PIA+1+LOTE:NB'

IMD+C++CU::9'

IMD+F++::9:DESCRIPCION'

QTY+12:1'

QTY+59:15'

MOA+98:64'

RFF+ON:C12345:1'

PCI+36E'

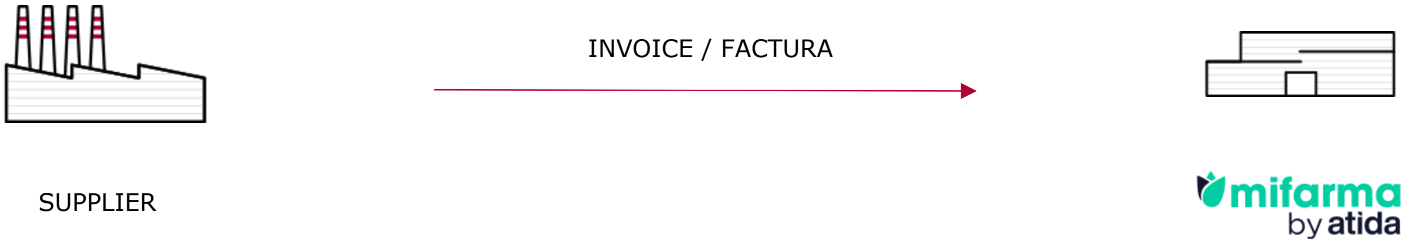
GIN+BX+LOTE'

UNT+35+5304'

8. INVOIC (invoice) document guide send by the supplier to MIFARMA

8.1 Header section

It is the message that documents the debt created by the reception of the goods or services supplied under the conditions agreed upon between the buyer and the seller.



Scenario for the invoice message

It is mandatory to identify in the header RFF segment some of the documents preceding the transaction, such as the dispatch advice number and the order number.

The invoice message contains all the legally required identification requirements, both commercial and fiscal. It is mandatory to indicate the company name and the registered office of the sender and receiver, as well as the reference of the commercial register of the invoice issuer, in the SG02-NAD segment with the codes SCO and BCO respectively. The fiscal identification number (NIF) must be specified in the SG03-RFF segment. It is also mandatory to indicate the place of issue (period) of the invoice, specifying in the data element 3164 of the segment SG02-NAD, with the qualifier SU.

Among the different types of documents supported by the message INVOIC D.93A, the MIFARMA will only accept the commercial invoice (codes 380 of the DE 1001 of the BGM segment respectively).

Element	Status	Description	Possible values	Example
UNH – Message header				
0062	Mandatory	Message reference number (generated by sender)		12345
S009-0065	Mandatory	Message type identifier	INVOIC	INVOIC
S009-0052	Mandatory	Message type version number	D	D
S009-0054	Mandatory	Message type release number	93A	93A
S009-0051	Mandatory	Controlling agency	UN	UN
S009-0057	Mandatory	Association assigned code	EAN007	EAN007
Mandatory segment in all cases.				
Example: UNH+12345+INVOIC:D:93A:UN:EAN007'				
BGM - Beginning of the message				
C002-1001	Mandatory	Type of document	380 = Commercial invoice	380
1004	Mandatory	Order number generated by the sender		123
1225	Optional	Message function	9 = Original	9
Mandatory segment in all cases.				
Example: BGM+380+123+9'				

Element	Status	Description	Possible values	Example
DTM - Date/Time/Period				
C507-2005	Mandatory	Date/Time/Period qualifier	137 = Invoice date	137
C507-2380	Mandatory	Date/Time/Period		20220601
C507-2379	Mandatory	Date/Time/Period format	102 = YYYYMMDD	102
Mandatory to include this segment at least once to indicate invoice date.				
Example: DTM+137:20220601:102'				
RFF – References				
C506-1153	Mandatory	Reference qualifier	ON = Order number DQ = Despatch advice number	ON
C506-1154	Mandatory	Reference number		789
Mandatory to indicate order and despatch advice number.				
Example: RFF+ON:789'				
DTM - Date/Time/Period				
C507-2005	Optional	Date/Time/Period qualifier	171 = Date of the reference	171
C507-2380	Optional	Date/Time/Period		20220525
C507-2379	Optional	Date/Time/Period format	102 = YYYYMMDD	102
Optional segment to indicate reference date.				
Example: DTM+171: 20220525:102'				

Element	Status	Description	Possible values	Example
NAD – Name and Address				
3035	Mandatory	Party qualifier	SCO = Supplier corporation organization BCO = Buyer corporation organization BY = Buyer SU = Supplier (requestee) IV = Invoicee DP = Delivery point PR = Payer	BCO
C082-3039	Mandatory	GLN of the party		8437022633008
C082-3055	Mandatory	Code list responsible agency, coded	9 = EAN	9
C080-3036	Mandatory SCO and BCO	Name that identifies the party		Mifarma Tienda Online, S.L.
C080-3036	Mandatory in SCO	Commercial register		
C059-3042	Mandatory SCO and BCO	Address of the party		Tesifonte Gallego núm.9 CC Val General P1
3164	Mandatory SCO and BCO	City		Albacete
3251	Mandatory SCO and BCO	Zip code		02002

3207	Optional	ISO country code 3166. (Mandatory for SCO if different from ES (Spain).		ES

Mandatory segment for the buyer corporation organization (BCO) and supplier corporate organization (SCO). For BY,SU,IV,DP,PR it is sufficient to indicate the GLN.
Example: NAD+BCO+8437022633008::9++Mifarma Tienda Online, S.L.+Tesifonte Gallego núm.9 CC Val Gen:eral P1+Albacete++02002’

Element	Status	Description	Possible values	Example
RFF – References				
C506-1153	Mandatory	Reference qualifier	VA = Number of fiscal identification (CIF)	VA
C506-1154	Mandatory	Reference number		B02518041
Mandatory to use this segment to indicate fiscal number after segments NAD that identify the buyer's corporate organization (BCO) and the supplier's corporate organization (SCO).				
Example: RFF+VA:B02518041'				
CUX – Currency				
C504-6347	Mandatory	Currency details qualifier	2 = Reference currency	2
C504-6345	Mandatory	Currency, coded	EUR = Euros	EUR
C504-6343	Mandatory	Currency qualifier	4 = Invoicing currency	4
Optional segment to indicate the currency of the invoice. By default, the Euro will be used.				
Example: CUX+2:EUR:4'				
PAT – Payment terms				
4279	Optional	Payment terms type qualifier	10E or 35 = Instant 21 = Various maturity dates	35
Segment to specify basic payment conditions.				
Example: PAT+35'				

MOA – Importe del vencimiento				
C516-5025	Optional	Monetary amount type qualifier	23 = Charge amount	23
C516-5004	Optional	Quantity		288.60
Optional segment used to specify the monetary amount to apply a percentage indicated in the previous segment to the total sum of net amount per line.				
Example: MOA+23:288.60'				

Element	Status	Description	Possible values	Example
ALC – Allowances or charges				
5463	Mandatory	Allowance or charge qualifier	A = Allowance C = Charge	A
1227	Optional	Calculation sequence indicator, coded. If not indicated, use 1.	1 = First step of calculation. Applied to the net sum per line.2, 3, 4, 5, etc. = Applied to result of the previous calculation step.	1
C214-7161	Optional	Special services	EAB = Early payment allowance TD = Trade discount ABH = Throughput allowance FC = Freight charge PC = Packing charge	TD
Optional segment used to specify any allowance or charge applicable to the total sum of the net amounts per line. To indicate an allowance, it is necessary to use this segment continued by the two following: PCD to indicate a percentage and MOA to indicate the total amount of the allowance.				
Example: ALC+A+++1+TD'				

PCD – Percentage details				
C501-5245	Mandatory	Percentage qualifier	1 = Allowance 2 = Charge	1
C501-5482	Mandatory	Percentage		3.5
Optional segment used to specify any percentage of allowance applied in the previous segment ALC.				
Example: PCD+1:3.5'				

Element	Status	Description	Possible values	Example
MOA – Monetary Amounts				
C516-5025	Mandatory	Monetary amount type qualifier	8 = Allowance or charge amount	8
C516-5004	Mandatory	Monetary amount (according to previous qualifier)		8.65
Optional segment used to specify the monetary amount to apply a percentage indicated in the previous segment to the total sum of net amount per line.				
Example: MOA+8:8.65'				

8.2 Line detail

Element	Status	Description	Possible values	Example
LIN – Line item header				
1082	Mandatory	Line item number		1
C212-7140	Mandatory	Item number GTIN (EAN)		8400000000002
C212-7143	Mandatory	Item number type, coded	EN = EAN	EN
Mandatory segment of line item header that identifies the item with its code.				
Example: LIN+1++8400000000002:EN'				
PIA – Additional product ID				
4347	Optional	Product id. function qualifier	1 = Additional identification	1
C212-7140	Optional	Article number		
C212-7143	Optional	Item type number	SA = Supplier's article number IN = Buyer's article number	SA
Optional segment used to indicate additional product identification codes.				
Example: PIA+1+145698:SA'				

IMD – Item description				
7077	Mandatory	Item type description, coded	F = Free form	F
C212-7140	Mandatory	Item description in free text		DESCRIPTION
7081	Optional	Item characteristics	M = Goods	M
Segment to indicate item description in free text.				
Example: IMD+F+M+:::DESCRIPCION'				

Element	Status	Description	Possible values	Example
QTY – Quantities				
C186-6063	Mandatory	Quantity qualifier	47 = Amount invoiced	47
C186-6060	Mandatory	Quantity (according to previous qualifier)		10
This segment should be used at least once to indicate amount invoiced.				
Example: QTY+47:10'				
MOA – Monetary Amounts				
C516-5025	Mandatory	Monetary amount type qualifier	66 = Goods item total	66
C516-5004	Mandatory	Monetary amount		247.16
Mandatory to use this segment to indicate the total net amount of the line. The gross total amount should also be indicated in case there are allowances or charges per line.				
Example: MOA+66:247.16'				

PRI – Price details				
C509-5125	Mandatory	Price qualifier	AAB = Gross unit price AAA = Net unit price	AAA
C509-5118	Mandatory	Price (per unit according to the previous qualifier)		24.716
Mandatory to use this segment to indicate the net unit price. The gross amount should be indicated if there are allowances or charges per line.				
Example: PRI+AAA:24.716'				

Element	Status	Description	Possible values	Example
TAX – Duty/Tax/Fee details				
5283	Mandatory	Duty/tax/fee function qualifier	7 = Tax	7
C241-5153	Mandatory	Duty/tax/fee type, coded	VAT = VAT EXT = Exempt from tax RE = Sales equalization tax	VAT
C243-C278	Mandatory	Duty/tax/fee rate		21
Mandatory segment to indicate tax or taxes applied to the line.				
Example: TAX+7+VAT+++:::21'				
MOA – Monetary Amounts				
C516-5025	Mandatory	Quantity qualifier	124 = Tax amount	124
C516-5004	Mandatory	Quantity (according to previous qualifier)		51.904
This segment is used in continuation of previous TAX to indicate the total amount of tax applied.				
Example: MOA+124:51.904'				

Element	Status	Description	Possible values	Example
ALC – Allowances or charges				
5463	Mandatory	Allowance or charge qualifier	A = Allowance C = Charge	A
1227	Optional	Calculation sequence indicator, coded. If not indicated, use 1.	1 = First step of calculation. Applied to the net sum per line. 2, 3, 4, 5, etc. = Applied to result of the previous calculation step.	1
C214-7161	Mandatory	Special services	EAB = Early payment allowance TD = Trade discount ABH = Throughput allowance FC = Freight charge PC = Packing charge SH = Charge for assembly IN = Charge for insurance FI = Finance charge CW = Container allowance RAD = Returnable container IS = Charge for invoicing services (administrative fees) VEJ = Green point	TD

Optional segment used to specify any allowance or charge applicable to the total sum of the net amounts per line. To indicate an allowance, it is necessary to use this segment continued by the two following: PCD to indicate a percentage and MOA to indicate the total amount of the allowance.
Example: ALC+A+++1+TD'

Element	Status	Description	Possible values	Example
PCD – Percentage details				
C501-5245	Mandatory	Percentage qualifier	1 = Allowance 2 = Charge	1
C501-5482	Mandatory	Percentage		2.5
Optional segment used to specify any percentage of allowance or charge applied in the previous segment ALC.				
Example: PCD+1:2.5'				
MOA – Monetary Amounts				
C516-5025	Mandatory	Quantity qualifier	8 = Allowance or charge amount	8
C516-5004	Mandatory	Quantity (according to previous qualifier)		0.634
Optional segment used to specify the monetary amount in order to apply the percentage indicated in the previous segment.				
Example: MOA+8:0.634’				

8.3 Summary section

Element	Status	Description	Possible values	Example
UNS – Section control				
0081	Mandatory	Section identification	S = Detail/summary section separation	S
Mandatory section to indicate that the line detail section finishes and the summary section begins.				
Example: UNS+S'				
MOA – Monetary Amounts				
C516-5025	Mandatory	Quantity qualifier	79 = Total line items amount 98 = Total gross amount 125 = Taxable amount 176 = Message total duty/tax/fee amounts 139 = Total payable amount 260 = Sum of global allowances 259 = Sum of global charges	79
C516-5004	Mandatory	Quantity (according to previous qualifier)		247.16

This segment is used several times to indicate in each the total amount of the invoices. It is mandatory to indicate: Total line items amount (79): sum of the net amount per line (take into account charges and allowances per line, but not total). Total gross amount (98): sum of the gross amount of each line. Taxable amount (125): total net amount + total charges – total allowances (79+259-260) Message total duty/tax/fee amounts (176): total of VAT, IGIC and equivalence surcharge. Total payable amount (139): sum of the taxable amount plus total taxes.
Example: MOA+79:247.16’

Element	Status	Description	Possible values	Example
TAX – Duty/Tax/Fee details				
5283	Mandatory	Duty/tax/fee function qualifier	7 = Tax	7
C241-5153	Mandatory	Duty/tax/fee type, coded	VAT = VAT EXT = Exempt from tax RE = Sales equalization tax ENV = Environmental tax	VAT
C243-C278	Mandatory	Duty/tax/fee rate		21
Mandatory segment used to indicate the tax or total taxes of the invoice. A segment like this should be used for every different tax and percentage, followed by a segment MOA to indicate the amount of the tax and another of the same type to indicate the taxable base to which it is applied.				
Example: TAX+7+VAT+++:::21'				
MOA – Monetary Amounts				
C516-5025	Mandatory	Monetary amount type qualifier	176 = Message total duty/tax/fee amounts 125 = Taxable amount	176
C516-5004	Mandatory	Quantity		50.09
This segment is used in continuation of previous TAX to indicate the total amount of tax applied or the taxable base. Both are mandatory.				
Example: MOA+176:50.09'				

UNT – End of message				
0074	Mandatory	Number of segments in the message		47
0062	Mandatory	Message reference number assigned by the sender		12345
Mandatory segment that indicates end of the message.				
Example: UNT+48+12345'				

8.4 Example of the INVOIC message

UNH+12345+INVOIC:D:93A:UN:EAN007'

BGM+380+123+9'

DTM+137:20220601:102'

RFF+ON:789'

DTM+171:20220525:102'

RFF+DQ:A555'

DTM+171:20220531:102'

NAD+SCO+8400000000000::9++PROVEEDOR::Registro Mercantil+CALLE+POBLACION++12345'

RFF+VA:A11111111'

NAD+BCO+8437022633008::9++ Mifarma Tienda Online, S.L.+ Tesifonte Gallego núm.9 CC Val Gen:eral P1+Albacete++02002’

RFF+VA: B02518041'

NAD+SU+8400000000000::9++PROVEEDOR'

NAD+BY+8437022633008::9++ Mifarma Tienda Online, S.L.'

NAD+II+8400000000000::9++PROVEEDOR'

NAD+IV+8437022633008::9++ Mifarma Tienda Online, S.L.'

NAD+DP+8437022633015::9++MIFARMA TIENDA ONLINE SL+C/QUITO S/N, POLIGONO MONTEARA+Albacete++2520'

NAD+PR+8437022633008::9++ Mifarma Tienda Online, S.L.'

NAD+PE+8400000000000::9++PROVEEDOR'

CUX+2:EUR:4'

PAT+35'

DTM+13:20220531:102'

MOA+23:288.6'

ALC+A+++1+TD'

PCD+1:3.5'

MOA+8:8.65'

LIN+1++8400000000002:EN'

```
PIA+1+145698:SA'
IMD+F+M+:::DESCRIPCION'
QTY+47:10'
MOA+66:247.16'
PRI+AAA:24.716'
PRI+AAB:25.35'
TAX+7+VAT+++:::21'
MOA+124:51.904'
ALC+A+++1+TD'
PCD+1:2.5'
MOA+204:0.634'
UNS+S'
MOA+79:247.16'
MOA+98:253.5'
MOA+125:238.51'
MOA+139:288.6'
MOA+176:50.09'
MOA+260:8.65'
TAX+7+VAT+++:::21'
MOA+176:50.09'
MOA+125:238.51'
UNT+48+12345'
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9. Versions of the document

Version 1, published on 12/07/2021

- Initial version

Version 1.a, published on 06/09/2022

- Added point 5 GLN and Administrative Structure
- Added EDIFACT guide INVOIC document