



# **Message Implementation Guideline**

## **PRICAT**

### **GASTRO Initiative Austria**

### **EANCOM 2002 Syntax 3**

### **Version 2.6**

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Message Type:	PRICAT
Message Version:	008 (EANCOM)
Responsible Agency:	GS1 Austria
Directory Name:	EDIFACT
Directory Version:	D.01.B

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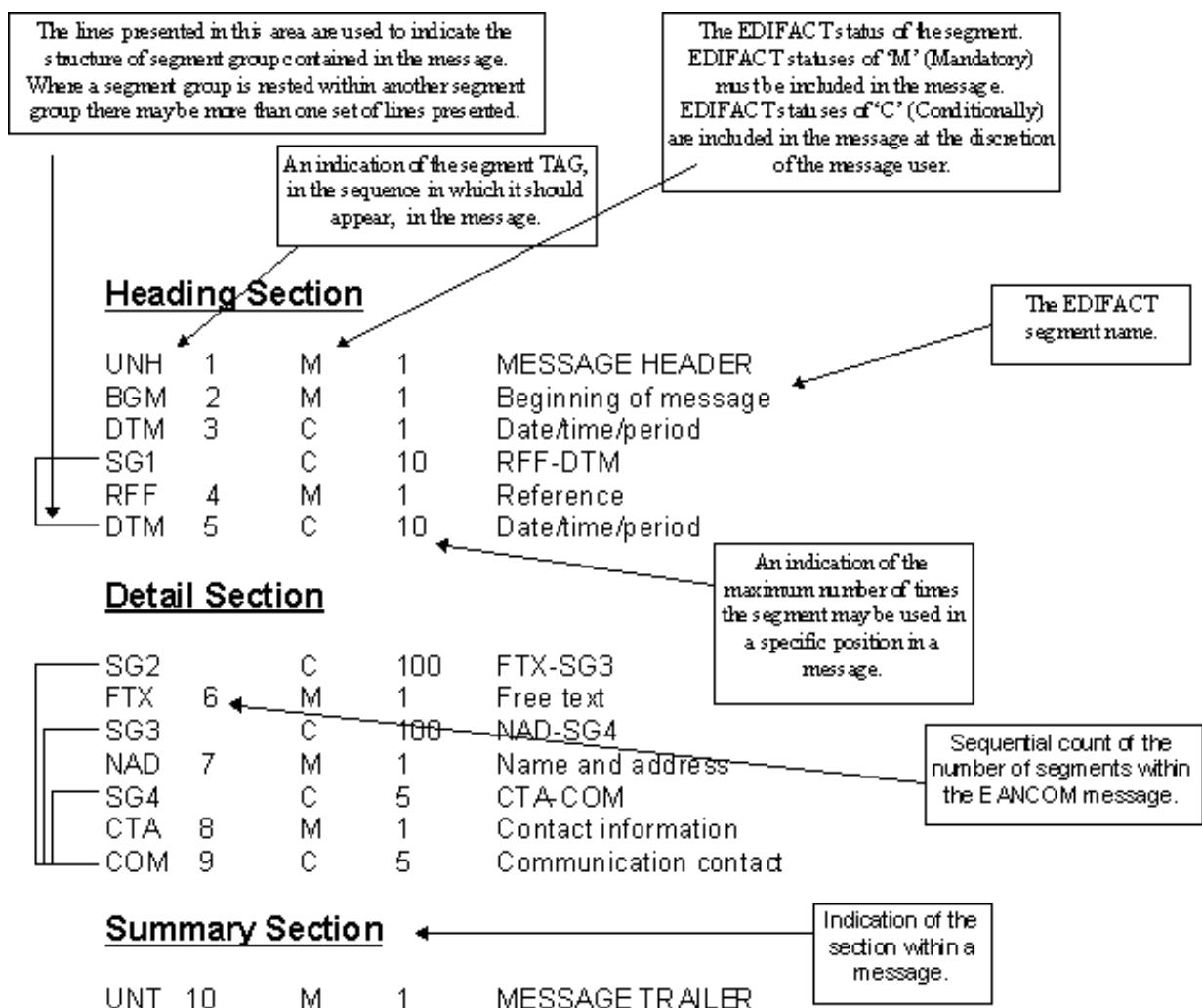
## Definition

A message to enable the transmission of information regarding pricing and catalogue details for goods and services offered by a seller to a buyer.

## Message structure chart

Within every EANCOM® message a diagram is presented which explains the structure of the message.

The message structure chart is a sequential chart which presents the message in the sequence in which it must be formatted for transmission. Every message is structured and consists of three sections; a header, detail, and summary section. An example of a message structure chart follows:



## Segments Layout

This section describes each segment used in the EANCOM Price/Sales Catalogue message. The original EDIFACT segment layout is listed. The appropriate comments relevant to the EANCOM subset are indicated.

### Notes:

1. The segments are presented in the sequence in which they appear in the message. The segment or segment group tag is followed by the (M)andatory / (C)onditional indicator, the maximum number of occurrences and the segment description.
2. Reading from left to right, in column one, the data element tags and descriptions are shown, followed by in the third column the EDIFACT status (M or C), the field format, and the picture of the data elements. These first pieces of information constitute the original EDIFACT segment layout.

Following the EDIFACT information, EANCOM specific information is provided in the fourth, fifth and sixth columns. In the fourth column a status indicator for the use of (C)onditional EDIFACT data elements (see 2.1 through 2.3 below), in the fifth column the restricted indicator (see point 3 on the following page), and in the sixth column notes and code values used for specific data elements in the message.

**(M)**andatory data elements in EDIFACT segments retain their status in EANCOM.

Additionally, there are five types of status for data elements with a (C)onditional EDIFACT status, whether for simple, component or composite data elements. These are listed below and can be identified when relevant by the following abbreviations:

- |   |           |          |  |
|---|-----------|----------|--|
| - | REQUIRED  | <b>R</b> | indicates that the entity is required and must be sent.  |
| - | ADVISED   | <b>A</b> | indicates that the entity is advised or recommended.   |
| - | DEPENDENT | <b>D</b> | indicates that the entity must be sent in certain conditions, as defined by the relevant explanatory note. |
| - | OPTIONAL  | <b>O</b> | indicates that the entity is optional and may be sent at the discretion of the user.                       |
| - | NOT USED  | <b>N</b> | indicates that the entity is not used and should be omitted.   |

If a composite is flagged as N, NOT USED, all data elements within that composite will have blank status indicators assigned to them.

3. Status indicators detailed in the fifth column which directly relate to the code values detailed in the first column may have two values:

- RESTRICTED \* A data element marked with an asterisk (\*) in the fifth column is (are) the only codes available for use with this data element, in this segment, in this message.
  
- OPEN All data elements where coded representation of data is possible and a restricted set of code values is not indicated are open (no asterisk in fourth column). The available codes are listed in the EANCOM Data Elements and Code Sets Directory. Code values may be given as examples or there may be a note on the format or type of code to be used.

## Message structure

## Price/sales catalogue message

UNA	1	C	1	Service string advice
UNB	2	M	1	Interchange header
UNH	3	M	1	Message header
BGM	4	M	1	Beginning of message
DTM	5	M	1	Date/time/period
SG2		M	2	NAD
NAD	6	M	1	Name and address
SG17		M	1	PGI-SG18-SG36
PGI	7	M	1	Product group information
SG18		C	1	CUX
CUX	8	M	1	Currencies
SG36		M	999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG41-SG47-SG51-SG56
LIN	9	M	1	Line item
PIA	10	C	4	Additional product id
IMD	11	M	999	Item description
MEA	12	C	5	Measurements
QTY	13	C	1	Quantity
ALI	14	C	1	Additional information
DTM	15	M	4	Date/time/period
FTX	16	C	999	Free text
SG37		C	100	CCI-CAV-MEA
CCI	17	M	1	Characteristic/class id
CAV	18	C	10	Characteristic value
MEA	19	C	10	Measurements
SG38		C	3	TAX-MOA
TAX	20	M	1	Duty/tax/fee details
MOA	21	C	1	Monetary amount
SG40		C	100	PRI-RNG-DTM-LOC
PRI	22	M	1	Price details
RNG	23	C	1	Range details
DTM	24	C	2	Date/time/period
LOC	25	C	99	Place/location identification
SG41		C	1	ALC-SG44
ALC	26	M	1	Allowance or charge
SG44		M	10	MOA
MOA	27	M	1	Monetary amount
SG47		M	1	PAC-MEA
PAC	28	M	1	Package
MEA	29	C	4	Measurements
SG51		C	99	EFI-CED
EFI	30	M	1	External file link identification
CED	31	C	1	Computer environment details
SG56		C	999	HYN-QTY

## Message structure

	<b>HYN</b>	32	<b>M</b>	1	Hierarchy information
	<b>QTY</b>	33	<b>M</b>	1	Quantity
	<b>UNT</b>	34	<b>M</b>	1	Message trailer
	<b>UNZ</b>	35	<b>M</b>	1	Interchange trailer

**BUSINESS TERMS**

Business term	Description	Status	Format	Segment		Data element		
Message type	Price/sales catalogue	M	A/N 3	BGM		C002	1001	Document name code
Message number		M	N 25	BGM		C106	1004	Document identifier
Message date		M	D 8	DTM		C507	2380	Date or time or period value
Buyer		M	N 13	SG2	NAD	C082	3039	Party identifier
Supplier		M	N 13	SG2	NAD	C082	3039	Party identifier
Currency		O	A/N 3	SG18	CUX	C504	6345	Currency identification code
Position number		M	N 6	SG36	LIN		1082	Line item identifier
Article status	Added, Deleted, Changed, No action, Reactivated	M	A/N 3	SG36	LIN		1229	Action request/notification descripti
Article number	GTIN	M	N 14	SG36	LIN	C212	7140	Item identifier
Additional article number	Assigned by the supplier	O	A/N 35	SG36	PIA	C212	7140	Item identifier
Product identification	When no GTIN available	M	A/N 35	SG36	PIA	C212	7140	Item identifier
Supplier' internal article number	internal	O	A/N 10	SG36	PIA	C212	7140	Item identifier
Forerunner item GTIN	EAN or supplier's internal number	O	A/N 35	SG36	PIA	C212	7140	Item identifier
Pre-ordering unit	indicator	O	A/N 3	SG36	IMD	C272	7081	Item characteristic code
Returnable container/Emoties	Qualifier	O	A/N 3	SG36	IMD	C273	7009	Item description code
Despatch unit	Qualifier	O	A/N 3	SG36	IMD	C273	7009	Item description code

**BUSINESS TERMS**

Business term	Description	Status	Format	Segment	Data element
Invoicing unit	Qualifier	O	A/N 3	SG36 IMD	C273 7009 Item description code
Ordering unit	Qualifier	O	A/N 3	SG36 IMD	C273 7009 Item description code
Base article	Qualifier (smallest unit)	M	A/N 3	SG36 IMD	C273 7009 Item description code
Variable quantity product	Qualifier	O	A/N 3	SG36 IMD	C273 7009 Item description code
Packaging unit	Qualifier	M	A/N 3	SG36 IMD	C273 7009 Item description code
Base assortment	Assortment unit	M	A/N 3	SG36 IMD	C273 7009 Item description code
Weight class Eggs	coded	O	A/N 3	SG36 IMD	C273 7009 Item description code
Goods class Eggs	coded	O	A/N 3	SG36 IMD	C273 7009 Item description code
Fish and Sea Food	Fishing zone coded	O	A/N 3	SG36 IMD	C273 7009 Item description code
Fish and Sea Food	Fishing method coded	O	A/N 3	SG36 IMD	C273 7009 Item description code
Article long description		O	A/N 256	SG36 IMD	C273 7008 Item description
Article short description		O	A/N 70	SG36 IMD	C273 7008 Item description
Free-form price look up		O	A/N 12	SG36 IMD	C273 7008 Item description
Brand name		O	A/N 35	SG36 IMD	C273 7008 Item description
Marketing name	Brand sort/type	O	A/N 35	SG36 IMD	C273 7008 Item description
Product description required by law	EU-1169/2011	O	A/N 256	SG36 IMD	C273 7008 Item description



## BUSINESS TERMS

Business term	Description	Status	Format	Segment	Data element
Contact name and address of the food business operator	EU-1169/2011	O	A/N 2x256	SG36 IMD	C273 7008 Item description
Manufacturer/ Producer		O	A/N 256	SG36 IMD	C273 7008 Item description
Place of origin	Primary ingredient (EU-1169/2011)	O	A/N 256	SG36 IMD	C273 7008 Item description
Net filling quantity		O	N 7+3	SG36 MEA	C174 6314 Measurement value
Drained weight		O	N 7+3	SG36 MEA	C174 6314 Measurement value
Minimum order quantity		O	N 7	SG36 QTY	C186 6060 Quantity
Ordering quantity measurement unit		O	A/N 3	SG36 QTY	C186 6411 Measurement unit code
Country of origin	EU 1169/2011	O	A/N 3	SG36 ALI	3239 Country of origin name code
Effective date		M	D 8	SG36 DTM	C507 2380 Date or time or period value
Seasonal availability		O	D 16	SG36 DTM	C507 2380 Date or time or period value
Minimum shelf life remaining at time of receipt		O	D 3	SG36 DTM	C507 2380 Date or time or period value
Lead time		O	D 3	SG36 DTM	C507 2380 Date or time or period value
Obligatory identifications on the product	EU-1169/2011	O	A/N 2x512	SG36 FTX	C108 4440 Free text value
Nutritional claims	EU-1169/2011	O	A/N 2x512	SG36 FTX	C108 4440 Free text value

## BUSINESS TERMS

Business term	Description	Status	Format	Segment	Data element
Ingredient declaration	EU-1169/2011	O	A/N 10x512	SG36 FTX	C108 4440 Free text value
Allergens	EU-1169/2011	O	A/N 2x512	SG36 FTX	C108 4440 Free text value
Storage instructions	EU-1169/2011	O	A/N2x512	SG36 FTX	C108 4440 Free text value
Preparation instructions	EU-1169/2011	O	A/N5x512	SG36 FTX	C108 4440 Free text value
Organic Origin	Qualifier	O	A/N 6	SG37 CCI	C240 7037 Characteristic description code
Labels information	Qualifier	O	A/N 6	SG37 CCI	C240 7037 Characteristic description code
Delight region Austria	coded	O	A/N 3	SG37 CAV	C889 7111 Characteristic value description co
Organic number		O	A/N 12	SG37 CAV	C889 7110 Characteristic value description
Health Claim	EU-1169/2011	O	A/N 10x35	SG37 CAV	C889 7110 Characteristic value description
Preparation type	EU-1169/2011	O	A/N 10	SG37 CAV	C889 7110 Characteristic value description
Nutrient	coded EU-1169/2011	O	A/N10	SG37 CAV	C889 7110 Characteristic value description
Allergen: Grade of appearance	EU-1169/2011	O	A/N12	SG37 CAV	C889 7110 Characteristic value description
Allergen type	EU-1169/2011	O	A/N 3	SG37 CAV	C889 7110 Characteristic value description
E-Number	EU-1169/2011	O	A/N 35	SG37 CAV	C889 7110 Characteristic value description
Preparation type	Usage instructions (EU-1169/2011)	O	A/N 35	SG37 CAV	C889 7110 Characteristic value description
Nutritional claim	coded	O	A/N 2x35	SG37 CAV	C889 7110 Characteristic value description
Diet recommendations	Diet type coded	O	A/N 35	SG37 CAV	C889 7110 Characteristic value description

## BUSINESS TERMS

Business term	Description	Status	Format	Segment	Data element
Measurement precision	related to nutrient information after EU-1169/2011	O	A/N 3	SG37 MEA	C502 6321 Measurement significance code
Volume percent-measurement unit	EU-1169/2011	O	A/N 3	SG37 MEA	C174 6411 Measurement unit code
Reference value - measurement unit	EU-1169/2011	O	A/N 3	SG37 MEA	C174 6411 Measurement unit code
Nutrient quantity - measurement unit	EU-1169/2011	O	A/N 3	SG37 MEA	C174 6411 Measurement unit code
Volume percent	EU-1169/2011 for Alcohol	O	N 7+3	SG37 MEA	C174 6314 Measurement value
Reference value-quantity	EU-1169/2011	O	N 7+3	SG37 MEA	C174 6314 Measurement value
Nutrient quantity	EU-1169/2011	O	N 7+3	SG37 MEA	C174 6314 Measurement value
Quantity of serving sizes per package	EU-1169/2011	O	N 7+3	SG37 MEA	C174 6314 Measurement value
Serving size	EU-1169/2011	O	N 7+3	SG37 MEA	C174 6314 Measurement value
VAT	as percentage	O	N 2+2	SG38 TAX	C243 5278 Duty or tax or fee rate
Producer fees as percentage	Beer, sparkling wine	O	N 2+2	SG38 TAX	C243 5278 Duty or tax or fee rate
Producer fees in amount		O	N 7+3	SG38 MOA	C516 5004 Monetary amount
Net unit price	catalogue, promotional or discount price	O	N 7+3	SG40 PRI	C509 5118 Price amount
Gross calculation price	catalogue, promotional or discount price	O	N 7+3	SG40 PRI	C509 5118 Price amount

**BUSINESS TERMS**

Business term	Description	Status	Format	Segment	Data element
Minimum purchasing quantity		O	N 7+3	SG40 RNG	C280 6162 Range minimum value
Scale price quantity	Lowest limit	O	N 7+3	SG40 RNG	C280 6162 Range minimum value
Scale price quantity	Highest limit	O	N 7+3	SG40 RNG	C280 6152 Range maximum value
Effective date for the provided price		O	D 8	SG40 DTM	C507 2380 Date or time or period value
Validity period		O	D 16	SG40 DTM	C507 2380 Date or time or period value
Place of delivery	Information about the partner for which this prices is valid	O	N 13	SG40 LOC	C517 3225 Location name code
ARA		O	N 7+3	SG44 MOA	C516 5004 Monetary amount
Packaging type		M	A/N 3	SG47 PAC	C202 7065 Package type description code
Depth of the article	With or without package	O	N 7	SG47 MEA	C174 6314 Measurement value
Width of the article	With or without package	O	N 7	SG47 MEA	C174 6314 Measurement value
Height of the article	With or without package	O	N 7	SG47 MEA	C174 6314 Measurement value
Gross weight of the article	With package	O	N 7	SG47 MEA	C174 6314 Measurement value
Net weight of the article	Without package	O	N 7	SG47 MEA	C174 6314 Measurement value
External Data	Name	O	A/N 35	SG51 EFI	C077 1508 File name
External Data	Link	O	A/N 256	SG51 EFI	C077 7008 Item description
External Data	Format	O	A/N 17	SG51 EFI	C099 1516 File format name
External Data	Resolution	O	A/N 35	SG51 CED	C079 1510 Computer environment name

**BUSINESS TERMS**

Business term	Description	Status	Format	Segment	Data element
Number of the next lower packaging unit		M	A/N 35	SG56 HYN	C212 7140 Item identifier
Quantity of next lower packaging units		M	N 6	SG56 QTY	C186 6060 Quantity

UNA - C                    1 - Service string advice				
Function                    :                    To define the characters selected for use as delimiters and indicators in the rest of the interchange that follows.				
Segment number        :                    1				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>UNA1 Component data element separator</b>	M an1	<b>M</b>	*	Used as a separator between component data elements contained within a composite data element (default value: ":")
<b>UNA2 Data element separator</b>	M an1	<b>M</b>	*	Used as a separator between two simple or composite data elements (default value: "+" )
<b>UNA3 Decimal notation</b>	M an1	<b>M</b>	*	Used to indicate the character used for decimal notation (default value: "." )
<b>UNA4 Release indicator</b>	M an1	<b>M</b>	*	Used to restore separator and terminator signs to their normal meaning (value: "?" ).
<b>UNA5 Reserved for future use</b>	M an1	<b>M</b>	*	Default value: space
<b>UNA6 Segment terminator</b>	M an1	<b>M</b>	*	Used to indicate the end of a segment (default value: "' '")
<u>Segment notes:</u>				
This segment is used to inform the receiver of the interchange that a set of service string characters which are different to the default characters are being used.				
When using the default set of service characters, the UNA segment need not be sent. If it is sent, it must immediately precede the UNB segment and contain the four service string characters (positions UNA1, UNA2, UNA4 and UNA6) selected by the interchange sender.				
Regardless of whether or not all of the service string characters are being changed every data element within this segment must be filled, (i.e. if some default values are being used together with user-defined values then both the default and the user-defined values must be specified).				
When expressing the service string characters in the UNA segment, it is not necessary to include any element separators.				
The use of the UNA segment is required when a character set other than level A is being used.				
Example: UNA:+.?'				

UNB - M 1 - Interchange header				
Function : To start, identify and specify an interchange.				
Segment number : 2				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>S001 Syntax identifier</b>	M	<b>M</b>		
0001 Syntax identifier	M a4	<b>M</b>	*	UNOA = UN/ECE level A UNOB = UN/ECE level B UNOC = UN/ECE level C UNOD = UN/ECE level D UNOE = UN/ECE level E UNOF = UN/ECE level F
0002 Syntax version number	M n1	<b>M</b>	*	3 = Version 3
<b>S002 Interchange sender</b>	M	<b>M</b>		
0004 Sender identification	M an..35	<b>M</b>		GLN (n13)
0007 Partner identification code qualifier	C an..4	<b>R</b>	*	14 = EAN International
0008 Address for reverse routing	C an..14	<b>N</b>		
<b>S003 Interchange recipient</b>	M	<b>M</b>		
0010 Recipient identification	M an..35	<b>M</b>		GLN (n13)
0007 Partner identification code qualifier	C an..4	<b>R</b>	*	14 = EAN International.
0014 Routing address	C an..14	<b>O</b>		
<b>S004 Date/time of preparation</b>	M	<b>M</b>		
0017 Date of preparation	M n6	<b>M</b>		YYMMDD
0019 Time of preparation	M n4	<b>M</b>		HHMM
<b>0020 Interchange control reference</b>	M an..14	<b>M</b>		Unique reference identifying the interchange. Created by the interchange sender.
<b>S005 Recipient's reference, password</b>	C	<b>O</b>		
0022 Recipient's reference/ password	M an..14	<b>M</b>		
0025 Recipient's reference/ password qualifier	C an2	<b>O</b>		
<b>0026 Application reference</b>	C an..14	<b>O</b>		Message identification if the interchange contains only one type of message.
<b>0029 Processing priority code</b>	C a1	<b>O</b>		
<b>0031 Acknowledgement request</b>	C n1	<b>O</b>		
<b>0032 Communications agreement ID</b>	C an..35	<b>O</b>	*	EANCOM....
<b>0035 Test indicator</b>	C n1	<b>O</b>		1 = Interchange is a test

Segment notes:

The UNB segment is used to envelope the interchange and also to identify the party for whom the interchange is intended and the party who has sent the interchange. The principle of the UNB segment is the same as a physical envelope which covers one or more letters or documents and which details the address where delivery is to take place and the address from where the envelope has come.

DE 0001: The recommended (default) character set for use in EANCOM® for international exchanges is character set A (UNOA). Should users wish to use character sets other than A, an agreement on which set to use should be reached on a bilateral basis before communications begin.

DE 0004 and 0010: Within EANCOM® the Global Location Number (GLN) is recommended for the identification of the interchange sender and recipient.

DE 0008: The address for reverse routing is provided by the interchange sender to inform the interchange recipient of the address within the sender's system to which responding interchanges must be sent. It is recommended that the GLN be used for this purpose.

DE 0014: The address for routing, formerly provided by the interchange recipient, is used by the interchange sender to inform the recipient of the internal address within the recipient's system, to which the interchange should be routed. It is recommended that the GLN be used for this purpose.

DEG S004: The date and time at which the sender prepared the interchange. This date and time may not necessarily be the same as the date and time of contained messages.

DE 0020: The interchange control reference number is generated by the interchange sender and is used to identify uniquely each interchange. Should the sender wish to re-use interchange control reference numbers, it is recommended that each number is held for a period of at least three months before being re-used. In order to guarantee uniqueness, the interchange control reference number should always be linked to the sender's identification (DE 0004).

DEG S005: Any use of passwords must first be agreed bilaterally by the parties to the exchange.

DE 0026: This data element is used to identify the application on the recipient's system to which the interchange is directed. This data element may be used if, and only if, the interchange contains only one type of message, e.g. invoices. The reference used in this data element is assigned by the interchange sender.

DE 0031: This data element is used to indicate whether an acknowledgement to the interchange is required or not. The EANCOM® APERAK or CONTRL message should be used to provide acknowledgement of interchange receipt. In addition the EANCOM® CONTRL message may be used to indicate when an interchange has been rejected due to syntactical errors.

DE 0032: This data element is used to identify any underlying agreements which control the exchange of data. Within EANCOM the identity of such agreements must start with the letters 'EANCOM' with the remaining characters within the data element filled according to bilateral agreements.

Example:

UNB+UNOA:3+5412345678908:14+8798765432106:14+020102:1000+12345555++++EANCOMREF 52'



UNH - M                    1 - Message header				
Function                    :            To head, identify and specify a message.				
Segment number        :    3				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>0062    Message reference number</b>	M an..14	<b>M</b>		Sender's unique message reference. Sequence number of the messages in the interchange. DE 0062 in the UNT will be exactly the same. Sender generated.
<b>S009    Message identifier</b>	M	<b>M</b>		
0065    Message type	M an..6	<b>M</b>	*	PRICAT = Price/sales catalogue message
0052    Message version number	M an..3	<b>M</b>	*	D = Draft version/UN/EDIFACT Directory
0054    Message release number	M an..3	<b>M</b>	*	01B = Release 2001 - B
0051    Controlling agency	M an..2	<b>M</b>	*	UN = UN/CEFACT
0057    Association assigned code	R an..6	<b>R</b>	*	EAN008 = EAN version control number (EAN Code) Indicates that the message is an EANCOM version 008 of the UNSM Price/Sales Catalogue.
<b>0068    Common access reference</b>	C an..35	<b>N</b>		
<b>S010    Status of the transfer</b>	C	<b>N</b>		
0070    Sequence of transfers	M n..2			
0073    First and last transfer	C a1			
<u>Segment notes:</u>				
PRICAT Heading Section				
This segment is used to head, identify and specify a message. DE's 0065, 0052, 0054, and 0051: Indicate that the message is a UNSM Price/Sales Catalogue based on the D.01B directory under the control of the United Nations.				
Example: UNH+ME000001+PRICAT:D:01B:UN:EAN008'				

BGM - M 1 - Beginning of message				
Function : To indicate the type and function of a message and to transmit the identifying number.				
Segment number : 4				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>C002 Document/message name</b>	R	<b>R</b>		
1001 Document name code	R an..3	<b>R</b>	*	9 = Price/sales catalogue
1131 Code list identification code	C an..17	<b>N</b>		
3055 Code list responsible agency code	C an..3	<b>N</b>		
1000 Document name	C an..35	<b>N</b>		
<b>C106 Document/message identification</b>	R	<b>R</b>		
1004 Document identifier	R an..35	<b>R</b>		Price/sales catalogue message number.
1056 Version identifier	C an..9	<b>N</b>		
1060 Revision identifier	C an..6	<b>N</b>		
<b>1225 Message function code</b>	R an..3	<b>R</b>	*	9 = Original
<b>4343 Response type code</b>	C an..3	<b>N</b>		
<u>Segment notes:</u>				
This segment is used to indicate the type and function of a message and to transmit the identifying number.				
All references other than the document number DE 1004 are in the RFF segment.				
- Message type - Price/sales catalogue (Normal)(DE1001 = 9); Mandatory ; A/N 3 BGM+9+3574+9'				
- Price/sales catalogue message number (DE1004); Mandatory; N 25 BGM+9+32458+9'				

DTM - M                    1 - Date/time/period				
Function                    :            To specify date, and/or time, or period.				
Segment number        :    5				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>C507    Date/time/period</b>	M	<b>M</b>		
2005    Date or time or period function code qualifier	M an..3	<b>M</b>	*	137 = Document/message date/time
2380    Date or time or period value	R an..35	<b>R</b>		
2379    Date or time or period format code	R an..3	<b>R</b>	*	102 = CCYYMMDD
<u>Segment notes:</u>				
This segment is used to specify the date of the Price/Sales Catalogue.				
- Message date; Mandatory; D8 DTM+137:20060301:102'				

SG2 - M		2 - NAD			
NAD - M		1 - Name and address			
Function :		To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.			
Segment number :		6			
Data element group/Data element	EDIFACT	ANW	*	Description	
<b>3035 Party function code qualifier</b>	M an..3	<b>M</b>	*	BY = Buyer SU = Supplier	
<b>C082 Party identification details</b>	M	<b>M</b>			
3039 Party identifier	M an..35	<b>M</b>	*	GLN - Format n13	
1131 Code list identification code	N an..17	<b>N</b>			
3055 Code list responsible agency code	R an..3	<b>R</b>	*	9 = EAN (International Article Numbering Association)	
<b>C058 Name and address</b>	C	<b>N</b>			
3124 Name and address description	M an..35				
3124 Name and address description	C an..35				
3124 Name and address description	C an..35				
3124 Name and address description	C an..35				
3124 Name and address description	C an..35				
<b>C080 Party name</b>	C	<b>N</b>			
3036 Party name	M an..35				
3036 Party name	C an..35				
3036 Party name	C an..35				
3036 Party name	C an..35				
3036 Party name	C an..35				
3045 Party name format code	C an..3				
<b>C059 Street</b>	C	<b>N</b>			
3042 Street and number or post office box identifier	M an..35				
3042 Street and number or post office box identifier	C an..35				
3042 Street and number or post office box identifier	C an..35				
3042 Street and number or post office box identifier	C an..35				

Data element group/Data element	EDIFACT	ANW	*	Description
<b>3164 City name</b>	C an..35	N		
<b>C819 Country sub-entity details</b>	C	N		
3229 Country sub-entity name code	C an..9			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
3228 Country sub-entity name	C an..70			
<b>3251 Postal identification code</b>	C an..17	N		
<b>3207 Country name code</b>	C an..3	N		
<u>Segment notes:</u>				
This segment is used to identify the trading partners involved in the Price/Sales Catalogue process.				
- Buyer (DE3035 = BY); Mandatory, N 13 NAD+BY+901234500004::9'				
- Supplier (DE3035 = SU); Mandatory, N 13 NAD+SU+9012345000011::9'				

SG17 - M		1 - PGI-SG18-SG36		
PGI - M		1 - Product group information		
Function :		To indicate the group in which a product belongs.		
Segment number :		7		
Data element group/Data element	EDIFACT	ANW	*	Description
<b>5379 Product group type code</b>	M an..3	<b>M</b>	*	2 = No price group used
<b>C288 Product group</b>	C	<b>N</b>		
5389 Product group name code	C an..25			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
5388 Product group name	C an..35			
<u>Segment notes:</u>				
This segment is used to group a set of related products together.				
The detail section of the Price/Sales Catalogue starts with the PGI segment.				
Example:				
PGI+2'				

SG17 - M	1 - PGI-SG18-SG36			
SG18 - C	1 - CUX			
CUX - M	1 - Currencies			
Function :	To specify currencies used in the transaction and relevant details for the rate of exchange.			
Segment number :	8			
Data element group/Data element	EDIFACT	ANW	*	Description
<b>C504 Currency details</b>	C	<b>R</b>		
6347 Currency usage code qualifier	M an..3	<b>M</b>	*	2 = Reference currency
6345 Currency identification code	C an..3	<b>R</b>		EUR = Euro (EAN-Code)
6343 Currency type code qualifier	C an..3	<b>R</b>	*	8 = Price list currency
6348 Currency rate value	C n..4	<b>N</b>		
<b>C504 Currency details</b>	C	<b>N</b>		
6347 Currency usage code qualifier	M an..3			
6345 Currency identification code	C an..3			
6343 Currency type code qualifier	C an..3			
6348 Currency rate value	C n..4			
<b>5402 Currency exchange rate</b>	C n..12	<b>N</b>		
<b>6341 Exchange rate currency market identifier</b>	C an..3	<b>N</b>		
<u>Segment notes:</u>				
- Currency; Optional*); A/N 3 CUX+2:EUR:8'				
*) Must be provided when price information on position level is used.				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG41-SG47-SG51-SG56			
LIN - M	1 - Line item			
Function :	To identify a line item and configuration.			
Segment number :	9			
Data element group/Data element	EDIFACT	ANW	*	Description
<b>1082 Line item identifier</b>	R an..6	<b>R</b>		Application generated number of the lines or sub-lines within the Price/Sales Catalogue message.
<b>1229 Action request/notification description code</b>	R an..3	<b>R</b>	*	1 = Added 2 = Deleted 3 = Changed 4 = No action 74 = Reactivated
<b>C212 Item number identification</b>	D	<b>D</b>		
7140 Item identifier	C an..35	<b>M</b>		Format n..14 EAN/GTIN - this is the number of the article
7143 Item type identification code	R an..3	<b>R</b>	*	SRV = EAN.UCC Global Trade Item Number
1131 Code list identification code	C an..17	<b>N</b>		
3055 Code list responsible agency code	C an..3	<b>N</b>		
<b>C829 Sub-line information</b>	C	<b>N</b>		
5495 Sub-line indicator code	C an..3			
1082 Line item identifier	C an..6			
<b>1222 Configuration level number</b>	C n..2	<b>N</b>		
<b>7083 Configuration operation code</b>	C an..3	<b>N</b>		
<u>Segment notes:</u>				
This segment is used to identify the international article number EAN/Global Trade Item Number (GTIN).				
- Article identification by GS1 (DE7140); Mandatory *); N14 LIN+1+3+9054321444441:SRV'				
- Article status (DE1229); Mandatory; A/N 3 Status 'Added': status 'Added' is always used when the article/consumer unit is communicated for the first time. The related effective date (DTM-Segment) identifies the date when this article/consumer unit becomes effective.				
Status 'Changed': A change of a given article can be made only if this article has been already communicated as added = status ,Added'. The related effective date (DTM-Segment) may not precede the effective date of the status 'Added'.				
Status 'Deleted': Status 'Deleted' together with the related effective date (DTM-Segment) is to be used when a given article/consumer unit is not offered on the market any more. On the specified effective date this article becomes obsolete.				
Status 'No action': This status may be used only if the status of the article is not set to 'Deleted'. This information is communicated only for consistency purposes.				
Status 'Reactivated': This status is used to reactivate an already ,deleted' article. The related effective date must be grater than or equal to the effective date when the article has become status 'Deleted'.				



\*) In case that no GTIN has been provided, the LIN-Segment and the following PIA-Segment (article identification by a supplier's internal number) should be used as follows:

LIN+2+1'

PIA+5+973838:SA'

Each article position begins with main position - LIN-Segment followed by the segments of the related master data. Package hierarchy data should be provided as an interrelated block of article positions, beginning with the position of the base article or base assortment. These are followed by the LIN- positions of the related package units. Closing of each article position serves as a reference to other related article units within the message. These are transmitted as HYN-QTY pairs.

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG41-SG47-SG51-SG56			
PIA - C	4- Additional product id			
Function :	To specify additional or substitutional item identification codes.			
Segment number :	10			
Data element group/Data element	EDIFACT	ANW	*	Description
<b>4347 Product identifier code qualifier</b>	M an..3	<b>M</b>	*	1 = Additional identification 5 = Product identification 4 = Substituted for
<b>C212 Item number identification</b>	M	<b>M</b>		
7140 Item identifier	M an..35	<b>M</b>		
7143 Item type identification code	M an..3	<b>M</b>	*	SA = Supplier's article number GU = Supplier's internal article group number/product classification code (EAN Code) SRV = EAN.UCC Global Trade Item Number IN = Buyer's item number
1131 Code list identification code	N an..17	<b>N</b>		
3055 Code list responsible agency code	N an..3	<b>N</b>		
<b>C212 Item number identification</b>	O	<b>O</b>		
7140 Item identifier	C an..35	<b>M</b>		
7143 Item type identification code	M an..3	<b>M</b>	*	SA = Supplier's article number GU = Supplier's internal article group number/product classification code (EAN Code) IN = Buyer's item number
1131 Code list identification code	C an..17	<b>N</b>		
3055 Code list responsible agency code	C an..3	<b>N</b>		
<b>C212 Item number identification</b>	N	<b>N</b>		
7140 Item identifier	C an..35			
7143 Item type identification code	C an..3			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
<b>C212 Item number identification</b>	N	<b>N</b>		
7140 Item identifier	C an..35			
7143 Item type identification code	C an..3			
1131 Code list identification code	C an..17			

Data element group/Data element	EDIFACT	ANW	*	Description
3055 Code list responsible agency code	C an..3			
<b>C212 Item number identification</b>	N	N		
7140 Item identifier	C an..35			
7143 Item type identification code	C an..3			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
<u>Segment notes:</u>				
<p>- Additional product identification (DE4347 = 1); Supplier's article number (DE7143=SA) Optional; A/N 35 PIA+1+ABF5682:SA'</p>				
<p>-Additional product identification (DE4347 = 1); Buyer's item number (DE7143=IN) Optional; A/N 35 PIA+1+ABF5682:IN'</p>				
<p>- Product identification; Mandatory *);A/N 35 This information is used only when no GTIN=EAN number has been provided in the LIN-Segment. In this case this information should follow directly the LIN-Segment and the LIN-Segment (Mandatory) should contain the position number. The article is identified by the supplier's article number in the PIA-Segment, in DE 4347 Qualifier ,5' for primary identification must be set. PIA+5+9438444:SA'</p>				
<p>- Supplier's internal product classification (DE7143 = GU); Optional; A/N 10 This information should be agreed bilaterally! PIA+1+COD:GU'</p>				
<p>- Number of the original article that was substituted (DE4347 = 4); Optional; A/N 35 Item number of the original item (forerunner item) that was substituted by the current article base or package unit. When the article base or the package unit has a forerunner item, e.g. by relaunch or by article change connected with article number change, than the forerunner item number must be provided here. This information implicates that the current item is a replacement article or a replacement package unit and is used to show the connection between the original item (forerunner item) and the replacement item in the partner's system. PIA+4+9099999300414:SRV' (forerunner item with GTIN) or PIA+4+983833:SA' (forerunner item number was an supplier's article number)</p>				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG41-SG47-SG51-SG56			
IMD - M	999 - Item description			
Function	: To describe an item in either an industry or free format.			
Segment number	: 11			
Data element group/Data element	EDIFACT	ANW	*	Description
<b>7077 Description format code</b>	C an..3	<b>M</b>	*	A = Free-form long description B = Code and text C = Code D = Free-form price look up E = Free-form short description F = Free-form
<b>C272 Item characteristic</b>	C	<b>D</b>		
7081 Item characteristic code	C an..3	<b>D</b>	*	BRN = Brand name (EAN Code) AVI = Available for ordering (EAN Code) DIS = Distributor / Food business operator (CCG-Code) MNF = Manufacturer /Producer (CCG-Code) ANM = Product name 13 = Quality ZZ6 = Fish and Seafood: Fishing method (DE-Code) XY9 = Fish and Seafood: Fishing zone (DE-Code)
1131 Code list identification code	C an..17	<b>N</b>		
3055 Code list responsible agency code	C an..3	<b>D</b>	*	9 = GS1 246 = GS1 Germany
<b>C273 Item description</b>	C	<b>R</b>		
7009 Item description code	C an..17	<b>D</b>		DU = Despatch unit (EAN Code) IN = Invoicing unit (EAN Code) ORU = Ordering unit (EAN Code) SU = Smallest unit (EAN Code) VQ = Variable quantity product (EAN Code) NS = Not smallest unit (EAN Code) SG = Standard group of products (mixed assortment) (EAN Code) MARKETING = Marketing name (CCG-Code) RC = Returnable container (EAN Code) REGULATED = Product description required by law (CCG-Code) PROVENANCE = Place of origin (CCG-Code)
1131 Code list identification code	C an..17	<b>D</b>		EI1 = Weight class Eggs (DE-Code) EI2 = Goods class Eggs (DE-Code) Y39 = FAO Zones Code list (DE-Code) CATCHMETHOD = FAO Fishing method code list (DE-Code)
3055 Code list responsible agency code	C an..3	<b>D</b>	*	9 = GS1 246 = GS1 Germany Code 9 must be used if DE7009 contains an EAN Code. Code 246 must be used if DE7009 contains an CCG-Code.

Data element group/Data element	EDIFACT	ANW	*	Description
7008 Item description	C an..256	<b>D</b>		
7008 Item description	C an..256	<b>D</b>		
3453 Language name code	C an..3	<b>N</b>		
<b>7383 Surface or layer code</b>	C an..3	<b>N</b>		

Segment notes:

This segment is used to describe the current line item.

Product description information is required in the price catalogue message when a product is new or its description has been amended, otherwise its use is not recommended.

- Article long description; Optional; A/N 256

The article long description is used to provide an unique description of the characteristic article parameters. Additional information regarding content dimensions and content substances can be also provided here.

IMD+A++:::ARTIKEL DESCRIPTION'

- Article short description; Optional; A/N 70

The article short description can be used, for example as an article description in invoices or orders.

IMD+E++:::ARTIKEL SHORT DESCRIPTION'

- Free-form price look up; Optional; A/N 12

This is the text that appears on the point of sale receipts and can be printed with the respective Price-look-up-information. It is recommended to use a clear text without producer's internal abbreviations.

IMD+D++:::KAISER PREM 0.5'

- Identifier for returnable containers/empties (DE7009=RC); Optional; A/N 3

IMD+C++RC:::9'

- Despatch unit, qualifier; Optional; A/N 3

When the base article/base assortment is delivered also as a single unit ( not on palette or on one palette) than the article itself serves as a despatch unit (= "yes").

When the base article/base assortment is delivered only in a superordinated package, e.g. is packed in more than one carton, than the superordinated package serves as a despatch unit and not the base article/base assortment.

IMD+C++DU:::9'

- Invoicing unit, qualifier; Optional; A/N 3

Provides information if the base article/package unit will be invoiced or not.

When the base article/package unit will not be invoiced as a single unit but only more times within a superordinated package, the value "no" must be set. In this case the respective superordinated packages should be identified as invoicing units.

IMD+C++IN:::9'

- Ordering unit, Identification; Optional; A/N 3

Provides information if the base article/package unit is an ordering unit or not.

When the base article/package unit will not be ordered as a single unit but only more times within a superordinated package or transport unit, the value "no" must be set. In this case the respective superordinated packages or transport units should be identified as ordering units. It is possible to define each base article/base assortment and each further package unit within the package hierarchy separately as an ordering unit.

Ordering unit as pre-ordering unit (see below).

IMD+C++ORU:::9'

- Pre-ordering unit, indicator; Optional; A/N 3 - to be used always together with the qualifier for Ordering unit (ORU)!

Pre-ordering unit is an article that can be ordered but the delivery time can not be specified exactly. The customer can order this article normally but this article will be delivered with one of the following deliveries = delivery time unknown.

IMD+C+AVI:::9+ORU:::9'

- Base article (smallest unit); Mandatory\*); A/N 3

Base article is a separate article or a group of articles, which are the smallest part of a product for sale, usually trade or consumer unit.

IMD+C++SU::9'

- Standard group of products (mixed assortment); Mandatory\*); A/N 3

Standard groups of products are combinations of minimum two different articles or article sorts or package units. The assortment components must exist also as separate articles. Normally the base assortment is an ordering or despatch packaging that is offered for sale. A base assortment must be always provided together with minimum two HYN-Segments (like a kind of piece list) with the related QTY-Segments.

IMD+C++SG::9'

- Package unit (not the smallest unit); Mandatory\*); A/N 3

All package units related to the base article respectively base assortment must be displayed.

For each package unit should be provided exactly one HYN-Segment and the related QTY-Segment (SG56) as relation to the next lower contained package unit respectively base article!

IMD+C++NS::9'

- Variable quantity product, qualifier; Optional; A/N 3

Variable quantity products can not be completely identified only using article numbers and the master data behind them.

Minimum one product parameter is variable, that means that for each single product this parameter becomes a different specific value. A typical example is a loaf of cheese: cheese is ordered as a loaf (piece) but is invoiced in kilogram (see also how the prices are displayed in the PRI-Segment).

IMD+C++VQ::9'

- Brand name of the article; Optional; A/N 35

IMD+F+BRN::9+:::KAISER BIER'

- Marketing name, positioning of brand sort/type; Optional; A/N 35

IMD+B+BRN::9+MARKETING::246: KAISER BIER SPEZIAL 0.5 L'

- Manufacturer (DE7008 +7077=F, 7081=MNF, 3055 = 9; Optional; A/N 256

Manufacturer is identified with a name and not with GLN, this means the company name should be provided in the way it is registered, e.g. GS1 Austria GmbH

IMD+F+MNF::9+:::GS1Austria GmbH'

- Product description as required by law (EU-1169/2011)(DE7008 +7077=A, 7081=ANM, 3055 = 9; 7009 = REGULATED, 3055 = 246) ; Optional; A/N 256

Here is to put the product description required by law as it appears on the product package. In Austria the product description is based among others on the Austrian Food Book. In case that this required by law description is missing, this is replaced by the commercial designation of the product or if this is also missing with an descriptive designation.

IMD+A+ANM::9+REGULATED::246:Kondensierte Bio-Vollmilch, 7,5% Fett, 17,5% fettfreie Michtrockenmasse'

- Contact name and address of the distributor / food business operator (EU-1169/2011)(DE7008 +7077=F, 7081=DIS, 3055 = 246); Optional; A/N 2x256

On each package is placed the name of the entrepreneur who is responsible for the product in a certain country and who put the product on the market.

IMD+F+DIS::246+:::Marken GmbH 1040 Wien'

- Place of origin (EU-1169/2011) (DE7008 +7077=A, 7009 = PROVENANCE, 3055 = 246)

Here is to put the country of origin/place of origin/region of origin of the primary ingredient of the product (Austria, Styria, Schladming, etc.) if this differs from the product and is extra pu on the package.

IMD+A++PROVENANCE::246:Ungarn'

\*\*\*) Example of representation of EU-1169/2011 - relevant product characteristics is placed in the appendix of this document.

- Goods class eggs, coded (DE7077 = C +DE7081=13 + DE7009 (Code, see Code list) + DE1131 = EI2 + DE3055 = 246);  
Optional; A/N 3  
Goods class / fresh eggs (see Code list Goods Class Eggs)  
IMD+C+13+A:EI2:246'

- Weight class eggs, coded (DE7077 = C +DE7081=13 + DE7009 (Code, see Code list) + DE1131 = EI1 + DE3055 = 246);  
Optional; A/N 3  
Weight class / fresh eggs. (see Code list Weight class eggs)  
IMD+C+13+S:EI1:246'

- Fish and Seafood: Fishing zone, coded (DE7077 = C +DE7081=XY9 + DE3055 = 246 + DE7009 (Code, see Code list) +  
DE1131 = Y39 + DE3055 = 246); Optional; A/N 3  
Main fishing zone (see code list Fish and Seafood: Fishing zone)  
IMD+C+XY9::246+21:Y39:246'

Fish and Seafood: Fishing method, coded (DE7077 = C +DE7081=ZZ6 + DE3055 = 246 + DE7009 (Code, see Code list) +  
DE1131 = CATCHMETHOD + DE3055 = 246); Optional; A/N 3  
Main fishing zone (see code list Fish and Seafood: Fishing method)  
MD+C+ZZ6::246+RG:CATCHMETHOD:246'

\*) Rules for representation of the information about base articles/ base assortments and the related package units:

- Both (base articles/ base assortments and package units) must be represented as main - (LIN-) positions and in a complete form (even by insignificant changes), this means that all mandatory segments and data elements must be transmitted.

- The whole information about the product must be provided in an interrelated group and in a strict defined sequence beginning with the main position of the smallest package unit within the package hierarchy. This smallest unit can be a base article or a base assortment. It is followed by all related package units - represented one after the other in free sequence among themselves.

**Example:**

Base article(= smallest unit): 1 can:

LIN+1+1+9099999300414:SRV'

...

IMD+C++SU::9'

...

no reference information = no HYN!

Package unit I: Carton with 6 cans (Delivery unit)

with reference to the next lower package unit = can (= base article):

LIN+2+1+9099999300476:SRV'

...

IMD+C++NS::9'

IMD+C++DU::9'

...

HYN+2+2++9099999300414:SRV'

QTY+45E:6'

Package unit II: Pallet with 24 cartons, each of them containing 6 cans (Delivery unit) with reference to the next lower package unit = carton with 6 cans:

LIN+3+1+9033333500009:SRV'

...

IMD+C++NS::9'

IMD+C++DU::9'

...

HYN+2+2++9099999300476:SRV'

QTY+45E:24'

Special case:

If more than one units, e.g. piece, carton, pallet are identified with the same EAN number or internal number then each unit in the packaging hierarchy (=NS) is always related to the smallest unit (=SU).

**Example:**

Base article (= smallest Einheit): 1 can:

(the base article is identified with internal supplier's number 234555)

LIN+1'

PIA+5+234555:SA'

...

IMD+C++SU::9'

...

no reference information = no HYN!

Package unit I: Carton with 6 cans (Delivery unit)

with reference to the smallest unit = 1 can (= base article):

(the package unit I is identified with internal supplier's number 234555 (= base article number))

LIN+2'

PIA+5+234555:SA'

...

IMD+C++NS::9'

IMD+C++DU::9'

...

HYN+2+2++234555:SA' - reference to the base article (SU)

QTY+45E:6'

Package unit II: Pallet with 24 cartons, each of them containing 6 cans (Delivery unit)

with reference to the smallest unit = 1 can (= base article)

(the package unit II is identified with internal supplier's number 234555 (= base article = package unit I))

LIN+3'

PIA+5+234555:SA'

...

IMD+C++NS::9'

IMD+C++DU::9'

...

HYN+2+2++234555:SA' - reference to the base article (SU)

QTY+45E:144' (24 cartons each containing 6 cans = 144 cans)

- Reference to the assortment components (= piece list) within a given base assortment.

On the main position is represented the base assortment (not base article). It is followed by minimum two HYN-Segments (SG 56) with the related QTY-Segment which represent the EAN and respectively the quantity of each separate assortment component.

**Example:**

Base assortment (= smallest unit): Mixed carton (Delivery unit ) containing 3 different sorts, e.g. taste variants of the product with reference to the 3 contained sorts or variants (EAN):

LIN+6+1+9012345987770:SRV

...

IMD+C++SG::9'

IMD+C++DU::9'

...

HYN+2+2++ 9049888888882:SRV'

QTY+45E:50'

HYN+2+2++9049777777778:SRV'

QTY+45E:20'

HYN+2+2++9049666666664:SRV'

QTY+45E:20'



SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG41-SG47-SG51-SG56			
MEA - C	5 - Measurements			
Function :	To specify physical measurements, including dimension tolerances, weights and counts.			
Segment number :	12			
Data element group/Data element	EDIFACT	ANW	*	Description
<b>6311 Measurement purpose code qualifier</b>	M an..3	<b>M</b>	*	AAE = Measurement
<b>C502 Measurement details</b>	C	<b>M</b>		
6313 Measured attribute code	C an..3	<b>M</b>	*	ADX = Transport container actual filling weight AEI = Drained weight
6321 Measurement significance code	C an..3	<b>N</b>		
6155 Non-discrete measurement name code	C an..17	<b>N</b>		
6154 Non-discrete measurement name	C an..70	<b>N</b>		
<b>C174 Value/range</b>	C	<b>M</b>		
6411 Measurement unit code	M an..3	<b>M</b>		GRM = Gram LTR = Litre PCE = Piece (EAN Code) KGM = Kilogram
6314 Measurement value	C an..18	<b>M</b>		
6162 Range minimum value	C n..18	<b>N</b>		
6152 Range maximum value	C n..18	<b>N</b>		
6432 Significant digits quantity	C n..2	<b>N</b>		
<b>7383 Surface or layer code</b>	C an..3	<b>N</b>		
<u>Segment notes:</u>				
- Net filling weight of a transport container (DE6313 = ADX); Optional; N 7+3 The filling quantity measurement unit is regulated either by the law or if there are no specific legal regulations, depending on the branch. The filling quantity measurement unit is identical with base price obligatory filling quantity ( kg/l resp. gram/ml, meter, square meter, cubic meter and piece) with following exceptions: When there is no legal requirement to provide this information (e.g. quality wine, herbs), when the usage instructions are provided (washing powder etc.) or respectively there is no specific rule defined, the choice to provide the filling quantity is determined by the branch type.				
By quantity variable product is provided the net filling quantity of an average item (whole piece of cheese, whole salami etc.). EU-1169/2011 (Mandatory): The net filling quantity describes the product weight or volume without the weight or volume part of the package. The net filling quantity must be exact the same as the net filling quantity provided on the package (measurement unit must be the same as on the package). It is also possible to provide net filling quantity and net filling weight. MEA+AAE+ADX+GRM:200'				
- Drained weight (DE 6314 + 6311 = AAE, 6313 = AEI, 6411); Optional; N 7+3 Drained weight is the weight after removing the covering liquid. MEA+AAE+AEI+GRM:325'				

SG17 - M                    1 - PGI-SG18-SG36				
SG36 - M            999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG41-SG47-SG51-SG56				
QTY - C                    1 - Quantity				
Function                    :            To specify a pertinent quantity.				
Segment number        :    13				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>C186    Quantity details</b>	M	<b>M</b>		
6063    Quantity type code qualifier	M an..3	<b>M</b>	*	53 = Minimum order quantity
6060    Quantity	M an..35	<b>M</b>		
6411    Measurement unit code	C an..3	<b>O</b>	*	PCE = Piece
<u>Segment notes:</u>				
This segment is used to provide quantity information for the current line item.				
- Minimum order quantity; Optional; N 7 Minimum quantity that must be ordered to initiate the delivery process by the supplier. QTY+53:3'				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG41-SG47-SG51-SG56			
ALI - C	1 - Additional information			
Function :	To indicate that special conditions due to the origin, customs preference, fiscal or commercial factors are applicable.			
Segment number :	14			
Data element group/Data element	EDIFACT	ANW	*	Description
<b>3239 Country of origin name code</b>	C an..3	<b>M</b>		ISO 3166 2-alpha Code AT = Austria EU = European Union
<b>9213 Duty regime type code</b>	C an..3	<b>N</b>		
<b>4183 Special condition code</b>	C an..3	<b>N</b>		
<b>4183 Special condition code</b>	C an..3	<b>N</b>		
<b>4183 Special condition code</b>	C an..3	<b>N</b>		
<b>4183 Special condition code</b>	C an..3	<b>N</b>		
<b>4183 Special condition code</b>	C an..3	<b>N</b>		
<u>Segment notes:</u>				
- Country of origin (EU-1169/2011); Optional; A/N 3 After LMIV 1169/2011 the information about country of origin needs to be provided only in case of "Misleading" and also by some other regulations regarding honey, fruits and vegetables, fish, beef, beef products, native olive oil.				
Per item can be provided only one country of origin ("produced in..."). Information of origin for by primary ingredients are provided with "Place of origin". This relates also to products containing only one ingredient which comes from another country as the product itself.				
ALI+EU'				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG41-SG47-SG51-SG56			
DTM - M	4- Date/time/period			
Function	: To specify date, and/or time, or period.			
Segment number	: 15			
Data element group/Data element	EDIFACT	ANW	*	Description
<b>C507 Date/time/period</b>	M			
2005 Date or time or period function code qualifier	M an..3	<b>M</b>	*	44 = Availability 7 = Effective date/time 418 = Minimum shelf life remaining at time of receipt 169 = Lead time
2380 Date or time or period value	C an..35	<b>R</b>		
2379 Date or time or period format code	C an..3	<b>R</b>	*	102 = CCYYMMDD 718 = CCYYMMDD-CCYYMMDD 804 = Day 803 = Week 802 = Month
<u>Segment notes:</u>				
- Effective date/time; Mandatory; D 8 The date when the information about the article becomes effective. DTM+7:20070420:102'				
- Lead time; Optional; D 3 Required time between the incoming order and the earliest delivery of the goods respectively the time frame between the order and the delivery. This time can be specified in days, weeks or months. DTM+169:7:804'				
- Minimum shelf life remaining at time of receipt; Optional; D 3 Minimum shelf life remaining at time of receipt is the time period between the goods receipt time and the expiration date. Minimum shelf life remaining at time of receipt is expressed in days. DTM+418:15:804'				
- Seasonal availability, start- and end date; Optional; D 16 Items that are available only within a specified period of time. Seasonal availability is expressed in from-to format. DTM+44:2007042020070620:718'				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG41-SG47-SG51-SG56			
FTX - C	999 - Free text			
Function :	To provide free form or coded text information.			
Segment number :	16			
Data element group/Data element	EDIFACT	ANW	*	Description
<b>4451 Text subject code qualifier</b>	M an..3	<b>M</b>		Z09 = Obligatory identifications on the product BLY = Ingredients Z10 = Nutritional claim Z13 = Allergens HAN = Handling instructions AEI = Preparation instructions
<b>4453 Free text function code</b>	C an..3	<b>M</b>		1 = Text for subsequent use
<b>C107 Text reference</b>	C	<b>D</b>		
4441 Free text value code	M an..17	<b>D</b>		Reference ID for preparation instructions (text = repeat group of the preparation type ) eg 1,2,3 ...
1131 Code list identification code	C an..17	<b>N</b>		
3055 Code list responsible agency code	C an..3	<b>N</b>		
<b>C108 Text literal</b>	C	<b>M</b>		
4440 Free text value	M an..512	<b>M</b>		
4440 Free text value	C an..512	<b>D</b>		
4440 Free text value	C an..512	<b>D</b>		
4440 Free text value	C an..512	<b>D</b>		
4440 Free text value	C an..512	<b>D</b>		
<b>3453 Language name code</b>	C an..3	<b>D</b>		DE = German
<b>4447 Free text format code</b>	C an..3	<b>N</b>		
<u>Segment notes:</u>				
<p>- Obligatory identifications on the product (EU-1169/2011); Optional; A/N 2 x 512 Here is needed to provide all obligatory information regarding the identification of the product different from the obligatory product name or of the ingredients list. By providing this information in different languages please repeat FTX segment with different language codes. FTX+Z09+1++Unter Schutzatmosphäre verpackt.'</p> <p>- Ingredient statement (EU-1169/2011); Optional; A/N 10x512 The segment can be repeated 2 times. By providing this information in different languages please repeat FTX segment with different language codes. Here is needed to provide all ingredients as provided in the text on the package. This needs to include among others also: EU 1169/2011 Article 18 (Paragraph 3); Ingredients in form of a technically produced nano materials; EU 1169/2011 Article 22. In some cases also quantitative information regarding the ingredient are required.</p> <p>FTX+BLY+1++Tomatenmark?* (54 %), Wasser, Zwiebeln?* (9 %), Sonnenblumenöl* (kaltgepresst, ungehärtet, unraffiniert), Maissirup?*, Sojaeiweißerzeugnis*, Zitronensaft*, klare Suppe?*, Meersalz, Gewürze?*, Kräuter?* ?* aus kontrolliert biologischem Anbau'</p>				

- Nutritional claim (EU-1169/2011); Optional; A/N 2x512

Here are provided additional information as Nutritional Claims – nutrient related information and ingredients claims in text form, related to the nutrition declaration and further legally required information.

FTX+Z10+1++arm an gesättigten Fettsäuren, zuckerfrei, ohne Zuckerzusatz.+DE'

- Allergens (EU-1169/2011); Optional; A/N 2x512

Here is provided allergen information that is stated on the product package.

By providing this information in different languages please repeat FTX segment with different language codes.

See also Allergen type and Allergen: grade of appearance in CCI/CAV-Segments.

FTX+Z13+1++Kann Spuren von glutenhaltigem Getreide, Ei, Soja, Sellerie, Sesam, Milch (Lactose) und Senf enthalten.  
+DE'

- Consumer Usage Storage Instructions (EU-1169/2011); Optional; 2x512

Here are provided the usage storage instructions for the consumer that are provided on the product package. This instructions can relate for example to a recommended storage temperature, a specific storage requirement or a reference to the environment.

By providing this information in different languages please repeat FTX segment with different language codes.

FTX+HAN+1++Vor dem Öffnen gut schütteln. Gekühlt (3-9°C)+DE'

- Preparation Instructions (EU-1169/2011); Optional; A/N 5x512

Preparation Instructions describe how to prepare the product ready to eat. In combination with "preparation type" here could be provided some necessary steps and actions for preparation of the product as well as some recommendation for the usage of the product. Preparation Instructions should help consumer for optimal preparation and use of the product.

At each iteration an additional SG37 with CCI "FBPREPINFO" must be submitted for the associated preparation type.

If the FTX Segment is repeated, the reference in FTX Segment in DE4441 will be the same as the Reference in CCI DE 7036.

FTX+AEI+1+1+Packungsinhalt unaufgetaut mit 2 Esslöffel Wasser in ein mikrowellengeeignetes Geschirr geben und 5 Minuten bei 600 Watt zugedeckt erhitzen. Anschließend 3-5 Minuten ziehen lassen.+DE'

\*\*\*) Example of representation of EU1169/2011 - relevant product characteristics is placed in the appendix of this document.

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG41-SG47-SG51-SG56			
SG37 - C	100 - CCI-CAV-MEA			
CCI - M	1 - Characteristic/class id			
Function :	To identify and describe a specific characteristic and its relevance for subsequent business processes.			
Segment number :	17			
Data element group/Data element	EDIFACT	ANW	*	Description
<b>7059 Class type code</b>	C an..3	N		
<b>C502 Measurement details</b>	C	N		
6313 Measured attribute code	C an..3			
6321 Measurement significance code	C an..3			
6155 Non-discrete measurement name code	C an..17			
6154 Non-discrete measurement name	C an..70			
<b>C240 Product characteristic</b>	C	M		
7037 Characteristic description code	M an..17	M	*	ECOLOG = Organic origin (DE-Code) LABELS = Labelling information (DE-Code) VOL = Volume percents (DE-Code) HEALTHCLAIM = Health Claim according to EU Regulation 1169/2011 (DE-Code) FBNUINFO = Nutritional reference (DE-Code) FBNU SERV = Household Serving Size (GS1 Code) NUTRIENT = Nutritional information (GS1 Code) SERVNUM = Number of serving sizes per package (DE-Code) SERVSIZE = Product serving size (DE-Code) ALLERGEN = Allergens (DE-Code) FBPREPINFO = Preparation Instructions (GS1 Code) NUTCLAIM = Nutritional Claim (DE-Code) DELIGHTAUS = Delight Region Austria (DE-Code) DIETINFO = Nutritional information (DE-Code) ENUM = E-Nummer (DE-Code)
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	M	*	246 = GS1 Germany 9 = GS1
7036 Characteristic description	C an..35	D		Reference ID related to the reference value below (of the repetitions by providing nutritional information. e.g. 1, 2,3..) Reference ID (the group of preparation note) (e.g. 1, 2, 3 ...)
7036 Characteristic description	C an..35	N		
<b>4051 Characteristic relevance code</b>	C an..3	N		

Segment notes:

This segment is used to provide the characteristics for the current line item position.

- Organic origin (DE 7037 = ECOLOG+ 3055 = 246), Optional; A/N 6

Organic products must be identified with qualifier ECOLOG. This segment is to be used always together with the following CAV-Segment.

CCI+++ECOLOG::246'

- Labelling information (7037 = LABELS + 3055 = 246), Optional; A/N6

labelling information for environment, packaging and quality

CCI+++LABELS::246'

- Volume percents [%] (EU-1169/2011) (7037 = VOL + 3055 = 246); Optional; A/N 6

CCI+++VOL::246'

- Health Claim (EU-1169/2011) (DE7037 = HEALTHCLAIM +3055 = 246; Optional; A/N 11

Additionally the following CAV-Segment must be provided.

For presentation of more than one characteristic please repeat the whole SG 37.

When transferring same characteristic but in different languages please repeat the CAV-Segment within one and the same SG 37.

CCI+++HEALTHCLAIM::246'

- Type and grade of an allergen (EU-1169/2011) (DE7037 = ALLERGEN + 3055 = 246); Optional; A/N 8

Additionally the following CAV-Segment must be provided. By use of more than 10 Allergens please repeat the whole SG 37.

CCI+++ALLERGEN::246'

- Preparation grade related to the instructions for use (preparation instructions) (EU-1169/2011) (DE7037 = FBPREPINFO + 3055 =9); Optional; A/N 10

Additionally the following CAV segment must be provided.

This SG 37 of the preparation may repeat for each new combination of their contents. At each iteration a different reference ID must be specified in DE 7036, which uniquely identifies it. To repeatable groups of preparation type, it must include the preparation instructions (FTX with "AEI"). In order to assign them to the repetition with the associated preparation in this SG 37, the same reference should be in the FTX Segment and in the DE 4441.

CCI +++ FBPREPINFO:: 9: 1 '

- Nutritional claim, coded (DE7037 = NUTCLAIM + 3055 = 246); Optional; A/N 8

See also nutritional claim in text from in the FTX-Segment.

CCI+++NUTCLAIM::246'

Nutritional information (EU-1169/2011):

Nutritional information is provided for each reference value (100ml, 100gr or 1 Serving size) as follows:

- Type of preparation

- Number of serving sizes per package

- Serving size value

- Reference value and measurement unit

- Nutritional value incl. quantity and measurement unit

- Day dose resp. % RDA

- Quantity of serving sizes pro package in the CCI-Segment(DE7037 = SERVNUM and 3055 = 246) and MEA-Segment (see MEA)

CCI+++SERVNUM::246' and

MEA+SV+CT+PTN:2'

- Serving size in CCI-Segment (DE7037 = SERVSIZ and 3055 = 246) and MEA-Segment (see MEA)

CCI+++SERVSIZ::246' and

MEA+SV++MLT:250'



- Trigger for the nutritional information in the CCI-Segment (DE7037 = FBNUINFO and 3055 = 246) and a reference to the reference value (7037 = e.g. 1) as the preparation type in the CAV-Segment (see CAV) and reference value in the MEA-Segment (see MEA)

Additionally is necessary to provide the following segments as defined.

This SG 37 with the nutritional reference information can be repeated containing at least the first CAV segment and the first MEA segment- each with a different Reference ID in DE 7036.

Each repetition corresponds to an repetition of an superordinated group of nutritional information, which group is clearly identified through the respective Reference ID.

Also the attributes of the further SG 37 belong to the repeatable group of the nutritional information (as for example Vitamins/Minerals; these are identified and provided through the respective nutritional information codes). The reference to the corresponding repeated group is created with the Reference ID in DE 7036.

CCI+++FBNUINFO::246:1' and

CAV+:Y30:9:UNPREPARED' and

MEA+SV+X43+MLT:100'

- Household serving size in the CCI (DE7037= FBNUSERV and 3055 = 9) and Reference-ID (7037 = when only one household serving size, use always 1) and CAV-Segment (see CAV)

CCI+++FBNUSERV::9:1'

CAV+DE:3453:246:100 g Flocken'

-E-Number in CCI (DE7037=ENUM and 3055=246) and CAV-Segment (see CAV)

CCI+++ENUM::246'

CAV+:::E951:MAY\_CONTAIN'

- Nutritional information in the CCI-Segment (DE7037 =NUTRIENT and 3055 = 9) and a reference to the reference value (7037 = e.g. 1) as the nutrition type in CAV-Segment (see CAV) and the nutrition quantity and measurement unit in MEA-Segment (see MEA)

With repetition of this SG37 are provide Nutritional information, Other nutritional information, Vitamins/Minerals and caloric value [kj and/or kcal] (=Nutrition Type Code in GDSN), always with Code, Value, Measurement unit, Measurement precision and % RDA.

Reference ID in DE 7036 is used to create a correspondence to the superordinated repetition group of nutritional information with the respective nutritional reference information

(SG37 with "FBNUINFO"). The provided information relates to the corresponding nutritional reference value and preparation grade.

When more than one nutritional type code is used, the whole SG 37 must be repeated.

CCI+++NUTRIENT::9:1'and

CAV+:Y31:9:PRO-' and

MEA+SV+X45:4+GRM:22.58'

MEA+SV+X44+P1:7'

Total example with 2 nutrition types and 2 reference values (100ml and 1 Portion):

CCI+++FBNUINFO::246:1'

CAV+:Y30:9:UNPREPARED'

MEA+SV+X43+MLT:100'

CCI+++FBNUSERV::9:1'

CAV+DE:3453:246:100 g Flocken'

CCI+++NUTRIENT::9:1'

CAV+:Y31:9:ENER-'

MEA+SV+X45:4+KJO:1400'

MEA+SV+X45:4+KCL:340'

MEA+SV+X44+P1:3.40'

CCI+++NUTRIENT::9:1'

CAV+:Y31:9:PRO-'

MEA+SV+X45:4+GRM:11.3'

MEA+SV+X44+P1:12'

CCI+++FBNUINFO::246:2'

CAV+:Y30:9:UNPREPARED'

MEA+SV+X43+PTN:1'

CCI+++NUTRIENT::9:2'  
CAV+:Y31:9:ENER-'  
MEA+SV+X45:4+KJO:980'  
MEA+SV+X45:4+KCL:238'  
MEA+SV+X44+P1:2.38'  
CCI+++NUTRIENT::9:2'  
CAV+:Y31:9:PRO-'  
MEA+SV+X45:4+GRM:9.93'  
MEA+SV+X44+P1:1.47'  
CCI+++SERVNUM:::246'  
MEA+SV+CT+PTN:2'  
CCI+++SERVSIZE:::246'  
MEA+SV++MLT:250'

\*\* ) Detailed example of representation of the EU1169/2011 - relevant item characteristics is placed in the appendix of this document.

- Delight region Austria (DE7037 = DELIGHTAUS + DE3055 = 246), Code (see also CAV-Segment); Optional; A/N 10  
Here should be provided the respective delight region, e.g. Alpenvorland Rind, Bucklige Welt Apfelmost, Laaer Zwiebel.  
All delight regions can be find here: <http://www.genuss-region.at/>

CCI+++DELIGHTAUS:::246'

- Alimentary recommendations: Diet type (DE7037 = DIETINFO + DE3055 = 246); Code (see also CAV-Segment);  
Optional; A/N 8

CCI+++DIETINFO:::246'

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG41-SG47-SG51-SG56			
SG37 - C	100 - CCI-CAV-MEA			
CAV - C	10 - Characteristic value			
Function	: To provide the value of a characteristic.			
Segment number	: 18			
Data element group/Data element	EDIFACT	ANW	*	Description
<b>C889 Characteristic value</b>	M	<b>M</b>		
7111 Characteristic value description code	C an..3	<b>D</b>		Y = Yes (DE-Code) Organic number AMA = AMA - Bio identifier (for further codes see LABELS-Code list) DE = German (for other codes see Code list to DE 3453!) AC = Crustaceans (for other codes see Code list Allergen type) 94 = Styrian pumpkin seed oil (for other codes see Code list Delight regions)
1131 Code list identification code	C an..17	<b>D</b>		3453 = Code list DE 3453 Y30 = Preparation grade (GS1-Code) Y31 = Nutrition Code (GS1-Code) Y34 = Preparation type (GS1-Code)
3055 Code list responsible agency code	C an..3	<b>D</b>	*	246 = GS1 Germany 294 = GS1 Austria 9 = GS1
7110 Characteristic value description	C an..35	<b>D</b>		Organic number, Health Claim -E-Nummer UNPREPARED = Unprepared (preparation type-nutrient) PREPARED = Prepared (preparation type-nutrient) ENER- = Caloric value (see UN INFOOD) PRO- = Protein (see UN INFOOD) MAY_CONTAIN = May contain (Allergen grade) CONTAINS = Contain (Allergen grade) FREE_FROM = Free from (Allergen grade) BAKING = Bake (for further codes see code list Preparation type) KOSHER = Kosher (or further codes see code list Diet recommendations: Diet type)
7110 Characteristic value description	C an..35	<b>D</b>		MAY_CONTAIN = May contain (E-Number) CONTAINS = Contain (E-Number) FREE_FROM = Free from (E-Number)
<b>Segment notes:</b>				
- Organic number (DE 7111 = Y; DE 7110 = Organic number); Optional; A/N 11 This segment is to be used together with the following CCI - Segment. CCI+++ECOLOG::246' CAV+Y::246:AT-N-01-BIO'				
-Labelling information coded (DE7111, DE 3055=294); Optional; A/N3 CCI+++LABELS::246' CAV+AMA::294'				

- Health Claim information (EU-1169/2011) (DE7110 +7111,1131=3453,3055=246); Optional; A/N 10x35

Here are provided health related information.

This CAV-Segment can be repeated with a different language code within the current SG 37.

with language code:

CCI+++HEALTHCLAIM::246'

CAV+DE:3453:246:Aktivkohle trägt zur Verringerung: von Blähungen nach dem Essen'

without language code:

CCI+++HEALTHCLAIM::246'

CAV+:::Aktivkohle trägt zur Verringerung: von Blähungen nach dem Essen'

- Allergen type (DE7111); Optional; A/N and Allergen: grade of appearance (DE 7110 + 3055=246); Optional

The list with allergens includes exclusively all the allergens and food intolerances stated in EU 1169/2011.

CAV segment is repeatable.

CCI+++ALLERGEN::246'

CAV+AC::246:MAY\_CONTAIN'

- Preparation type (DE7110 + 1131 = Y34, 3055 = 9), Optional; A/N 10

Instruction for preparations, e.g. baking

When here is provided an information then also the "preparation instructions" needs to be used.

Each code "Preparation type" can be chosen only once.

CCI+++FBPREPINFO::9'

CAV+:Y34:9:FRYING'

or

if multiple types of preparation are given and these are displayed with the preparation instructions (FTX + AEI) they must be linked:

FTX+AEI+1+1+Packungsinhalt nach dem Öffnen verzehrfertig+DE'

FTX+AEI+1+2+Packungsinhalt unaufgetaut mit 2 Esslöffel Wasser in ein mikrowellengeeignetes Geschirr geben und 5 Minuten bei 600 Watt zugedeckt erhitzen. Anschließend 3-5 Minuten ziehen lassen+DE'

CCI+++FBPREPINFO::9:1'

CAV+:Y34:9:READY\_TO\_EAT'

CCI+++FBPREPINFO::9:2'

CAV+:Y34:9:MICROWAVING'

- Preparation grade (DE7110 + 1131 = Y30, 3055 = 9), Optional; A/N 10

Here is provided the preparation grade of the product related to the respective nutrition information. The preparation grade provides information if the nutrient information relate to a ready to eat product or to unprepared product.

CCI+++FBNUINFO::246:1' and

CAV+:Y30:9:UNPREPARED'

- Household serving size with a language code (DE7110 +7111, 1131 = 3453, 3055= 246); Optional, A/N 2x35

Here is provided the householding serving size in text form (= quantity proposed for consumption) - is to be provided not only by combined portions. Text form serving size definition is related exclusively to the nutrition declaration.

CCI+++FBNUSERV::9:1'

CAV+DE:3453:246:100 g Flocken'

- Nutritional claim, coded(DE7110); Optional; A/N 2x35

Here are provided the optional marketing statements for food intolerance. The possible options can be found in a predefined list (see Code list = Nutritional claim). This information is not required by law.

CCI+++NUTCLAIM::246'

CAV+:::FREE\_FROM\_GLUTEN'

- Nutrition type (DE7110=Code + 1131 = Y31, 3055 = 9); Optional; A/N 10

Here are provided the nutrients from the nutrient table. For structured representation are used codes for each nutrient. Base for this codes is the INFOODS List (<http://www.fao.org/infoods/infoods/standards-guidelines/food-component-identifiers-tagnames/en/>).

CCI+++NUTRIENT::9:1' and

CAV+:Y31:9:PRO-'

- Delight region Austria - Code (DE7111 + DE3055 = 246); Optional, A/N 3

Here is provided the delight region in Austria. e.g. Alpenvorland beaf, Bucklige Welt Apfelmost, Laaer Onions. The Delight regions can be found here: <http://www.genuss-region.at/>

CCI+++DELIGHTAUS::246'

CAV+94::246'

- Diet recommendations: Diet type (DE7110); Code (see code list Diet recommendations: Diet type); Optional; A/N 35  
Information about diet type. The differentiation between the product can be made after diet culture or purity standards.

CCI+++DIETINFO::246'

CAV+:::KOSHER'

- E-Number (DE 7110), Code specifying and degree of occurrence Optional, A / N35

Indication of Foods-additives regarding the European regulation specifying E-numbers.

In particular, aspartame can be specified with the E-number"E951".

(Apart from that, aspartame can also be transmitted according to EU -LMIV 1169/2011 as free text in the FTX+Z09 Segment.)

If more than 10 E-Numbers are used (or stated), please repeat the whole SG 37.

CCI+++ENUM::246'

CAV+:::E951:MAY\_CONTAIN'

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG41-SG47-SG51-SG56			
SG37 - C	100 - CCI-CAV-MEA			
MEA - C	10 - Measurements			
Function :	To specify physical measurements, including dimension tolerances, weights and counts.			
Segment number :	19			
Data element group/Data element	EDIFACT	ANW	*	Description
<b>6311 Measurement purpose code qualifier</b>	M an..3	<b>M</b>		AAG = Percentage of alcohol SV = Specification value
<b>C502 Measurement details</b>	C	<b>D</b>		
6313 Measured attribute code	C an..3	<b>D</b>		X43 = Serving size X45 = Contained quantity X44 = % RDA CT = Contents of package
6321 Measurement significance code	C an..3	<b>D</b>		3 = Approximately 4 = Equal to 7 = Less than
6155 Non-discrete measurement name code	C an..17	<b>N</b>		
6154 Non-discrete measurement name	C an..70	<b>N</b>		
<b>C174 Value/range</b>	C	<b>M</b>		
6411 Measurement unit code	M an..3	<b>M</b>	*	P1 = Percent GRM = Gram MLT = Millilitre PCE = Piece PTN = Portion KCL = Kilocalorie KJO = Kilojoule MC = Microgramm MGM = Milligramm
6314 Measurement value	C an..18			Percent rate
6162 Range minimum value	C n..18	<b>N</b>		
6152 Range maximum value	C n..18	<b>N</b>		
6432 Significant digits quantity	C n..2	<b>N</b>		
<b>7383 Surface or layer code</b>	C an..3	<b>N</b>		
<u>Segment notes:</u>				
- Volume percent [%] (DE6313), optional; N 7+3 (EU-1169/2011) and measurement unit (6411); Optional; A/N 3 CCI+++VOL::246' MEA+AAG++P1:10.5'				
- Reference value (DE6314); Optional; N 7+3 and measurement unit (DE 6411+ 6313 = X43, 6311 = SV) by nutrient information; Optional, A/N 3				

Remark: fixed connection (100, 1) to measurement unit

Here is provided the reference value for all nutrients, vitamins, minerals and other ingredients- it says if the nutrition information relates to 100g (Gram) or to 100ml (Mililiter) or to 1 Portion.

CCI+++FBNUINFO::246:1' and

CAV+:Y30:9:UNPREPARED' and

MEA+SV+X43+MLT:100'

- Nutrient quantity (DE6314); optional; N 7+3 and measurement unit (DE6411) Optional; A/N 3 and measurement precision (DE6321 + 6311=SV, 6313 = X45; Optional; A/N 3 and caloric value %RDA (DE6314); optional; N 7+3 and measurement unit (DE6411 + 6311= SV, 6313=X44); Optional; A/N 3

Information about the quantity of a nutrient contained in the product. The information is provided in connection with the reference value, this means per 100ml, per 100g or per 1 Portion. Here is also provided the measurement precision per 100g or 100ml or per Portion for ALL nutrients, vitamins, minerals and other ingredients.

This MEA Segment can be repeated with different measurement units in DE 6411 but with the same measurement precision in DE 6321 -within the current SG37.

CCI+++NUTRIENT::9:1'und

CAV+:Y31:9:PRO-'

MEA+SV+X45:4+GRM:22.58'

MEA+SV+X44+P1:12'

- Quantity of serving sizes per package (DE6314 + 6411=PTN,6311=SV,6313=CT); Optional; N 7+3

CCI+++SERVNUM::246' and

MEA+SV+CT+PTN:2'

- Serving size (DE6314); Optional; N 7+3 and measurement unit (DE6411 + 6311 = SV); Optional; A/N 3

Here is provided the serving size (Quantity for consumption = Portion) exclusively in relation to the nutrient declaration.

MEA+SV++MLT:250'

SG17 - M	1 - PGI-SG18-SG36				
SG36 - M	999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG41-SG47-SG51-SG56				
SG38 - C	3 - TAX-MOA				
TAX - M	1 - Duty/tax/fee details				
Function	: To specify relevant duty/tax/fee information.				
Segment number	: 20				
Data element group/Data element	EDIFACT	ANW	*	Description	
<b>5283 Duty or tax or fee function code qualifier</b>	M an..3	<b>M</b>	*	7 = Tax 6 = Fee	
<b>C241 Duty/tax/fee type</b>	C	<b>D</b>			
5153 Duty or tax or fee type name code	C an..3	<b>R</b>	*	VAT = Value added tax GST = Goods and services tax	
1131 Code list identification code	C an..17	<b>N</b>			
3055 Code list responsible agency code	C an..3	<b>N</b>			
5152 Duty or tax or fee type name	C an..35	<b>N</b>			
<b>C533 Duty/tax/fee account detail</b>	C	<b>D</b>			
5289 Duty or tax or fee account code	M an..6	<b>M</b>		GET = Alcoholic beverage tax BIE = Beer fees TAB = Tobacco fees SEK = Sparkling wine fees BRA = Brandy fees GLA = Gambling fees	
1131 Code list identification code	C an..17	<b>N</b>			
3055 Code list responsible agency code	C an..3	<b>N</b>			
<b>5286 Duty or tax or fee assessment basis value</b>	C an..15	<b>N</b>			
<b>C243 Duty/tax/fee detail</b>	C	<b>D</b>			
5279 Duty or tax or fee rate code	C an..7	<b>N</b>			
1131 Code list identification code	C an..17	<b>N</b>			
3055 Code list responsible agency code	C an..3	<b>N</b>			
5278 Duty or tax or fee rate	C an..17	<b>R</b>		Current tax rate	
5273 Duty or tax or fee rate basis code	C an..12	<b>N</b>			
1131 Code list identification code	C an..17	<b>N</b>			
3055 Code list responsible agency code	C an..3	<b>N</b>			
<b>5305 Duty or tax or fee category code</b>	C an..3	<b>O</b>	*	E = Exempt from tax S = Standard rate	



Data element group/Data element	EDIFACT	ANW	*	Description
<b>3446 Party tax identifier</b>	C an..20	N		
<b>1227 Calculation sequence code</b>	C an..3	N		
<p><u>Segment notes:</u></p> <p>- VAT - tax rate for the current position; Optional *); N 2+2 TAX+7+VAT+++:::20+S'</p> <p>- Producer fees (beer, sparkling wine) as percentage; Optional; N 2+2; (The amount values are represented in the following MOA-Segment) TAX+6+GST+BIE'</p> <p>Remark to DE 5278 and DE 5305: By exempt from tax amounts or tax free amounts DE 5278 must always be filled with value 0 (Zero).</p> <p>*) Must be set if price information is provided!</p> <p>Per position are allowed one VAT-rate and two fees.</p>				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG41-SG47-SG51-SG56			
SG38 - C	3 - TAX-MOA			
MOA - C	1 - Monetary amount			
Function	: To specify a monetary amount.			
Segment number	: 21			
Data element group/Data element	EDIFACT	ANW	*	Description
<b>C516 Monetary amount</b>	M	<b>M</b>		
5025 Monetary amount type code qualifier	M an..3	<b>M</b>	*	124 = Tax amount
5004 Monetary amount	C n..35	<b>R</b>		
6345 Currency identification code	C an..3	<b>N</b>		
6343 Currency type code qualifier	C an..3	<b>N</b>		
4405 Status description code	C an..3	<b>N</b>		
<b>Segment notes:</b>				
This segment is used to indicate any monetary amounts related to the previous TAX segment, except VAT. VAT should not be represented as an amount in this segment!				
- Tax amount; Optional; N 7+3 MOA+124:250'				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG41-SG47-SG51-SG56			
SG40 - C	100 - PRI-RNG-DTM-LOC			
PRI - M	1 - Price details			
Function	: To specify price information.			
Segment number	: 22			
Data element group/Data element	EDIFACT	ANW	*	Description
<b>C509 Price information</b>	<b>C</b>	<b>R</b>		
5125 Price code qualifier	M an..3	<b>M</b>	*	AAA = Calculation net AAB = Calculation gross
5118 Price amount	C n..15	<b>M</b>		
5375 Price type code	C an..3	<b>O</b>	*	CA = Catalogue DI = Distributor
5387 Price specification code	C an..3	<b>M</b>	*	PRP = Promotional price LIU = List price (EAN Code) DPR = Discount price
5284 Unit price basis value	C n..9	<b>O</b>		
6411 Measurement unit code	C an..3	<b>D</b>		KGM = Kilogram
<b>5213 Sub-line item price change operation code</b>	<b>C an..3</b>	<b>N</b>		
<u>Segment notes:</u>				
- Net price, as list price , promotional or discount price (DE5125 = AAA; DE5387 = LIU, PRP or DPR); optional can also be specified if the price is pick-up or delivery price (DE5357=CA or DI); Optional; N 7+3 PRI+AAA:2::LIU' PRI+AAA:1.5::PRP' PRI+AAA:3:CA:PRP' PRI+AAA:1.19::DPR'				
- Gross calculation, list price, promotional or discount price (DE5125 = AAB; DE5387 = LIU, PRP or DPR); optional can also be specified if the price is pick-up or delivery price (DE5357=CA or DI); Optional; N 7+3 PRI+AAB:2::LIU' PRI+AAB:1.5::PRP' PRI+AAB:3:DI:LIU' PRI+AAB:1.24::DPR				
Remark: The price is always related to the unit price (per piece) independent of the hierarchy level displayed.				
The price base= DE5284 and the measurement unit =DE6411 are used in case of quantity variable products (see IMD-Segment).				
Minimum purchase quantity price and scale price are provided in the following RNG-Segment! Date and validity period are provided in the DTM-Segment. Customer prices are provided in the LOC-Segment.				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG41-SG47-SG51-SG56			
SG40 - C	100 - PRI-RNG-DTM-LOC			
RNG - C	1 - Range details			
Function :	To identify a range.			
Segment number :	23			
Data element group/Data element	EDIFACT	ANW	*	Description
<b>6167 Range type code qualifier</b>	M an..3	<b>M</b>	*	4 = Quantity range 6 = Order quantity range
<b>C280 Range</b>	C	<b>R</b>		
6411 Measurement unit code	M an..3	<b>M</b>		KGM = Kilogram PCE = Piece
6162 Range minimum value	C n..18	<b>M</b>		
6152 Range maximum value	C n..18	<b>O</b>		
<u>Segment notes:</u>				
This segment is used to provide price range details for the current line item.				
- Minimum purchasing quantity (DE6167 = 6 + DE6411+ DE6162); Optional; N 7+3 Used to provide the minimum purchasing quantity for the price specified in the PRI-Segment. RNG+6+PCE:50'				
- Scale price quantity (DE6167 = 4 + DE6411 + DE6162 + DE6152); Optional; N 7+3 Used to provide the from-to quantity for the price specified in the PRI-Segment. RNG+4+PCE:51:100'				
Remark: The scale price quantity begins always with 'from' quantity = DE 6162. The 'to' quantity is optional, this means it can be skipped if not known. RNG+4+PCE:101'				
Display of Packaging Hierarchy:				
Remark: The scale price quantity refers as the price to the base article and not to the packaging hierarchie level:				
Example:				
1. The price relates to one bottle by ordering quantity - from one carton (= 6 bottles) up to 3 cartons incl. (=18 bottles). PRI+AAB:0.33:CA:LIU::FL' RNG+4+PCE:6:18' DTM+194:20090922:102'				
2. The price relates to one bottle by ordering quantity from 4 cartons (= 24 bottles) upwards. PRI+AAB:0.31:CA:LIU::FL' RNG+4+PCE:24' DTM+194:20090922:102'				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG41-SG47-SG51-SG56			
SG40 - C	100 - PRI-RNG-DTM-LOC			
DTM - C	2 - Date/time/period			
Function	: To specify date, and/or time, or period.			
Segment number	: 24			
Data element group/Data element	EDIFACT	ANW	*	Description
<b>C507 Date/time/period</b>	M	<b>M</b>		
2005 Date or time or period function code qualifier	M an..3	<b>M</b>	*	194 = Start date/time 273 = Validity period
2380 Date or time or period value	C an..35	<b>R</b>		
2379 Date or time or period format code	C an..3	<b>R</b>	*	102 = CCYYMMDD 718 = CCYYMMDD-CCYYMMDD
<u>Segment notes:</u>				
- Effective date for the provided price; Optional; D 8 DTM+194:20070530:102'				
- Validity period of the provided price; Optional; D 16 DTM+273:2007053020070630:718'				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG41-SG47-SG51-SG56			
SG40 - C	100 - PRI-RNG-DTM-LOC			
LOC - C	99 - Place/location identification			
Function :	To identify a place or a location and/or related locations.			
Segment number :	25			
Data element group/Data element	EDIFACT	ANW	*	Description
<b>3227 Location function code qualifier</b>	M an..3	<b>M</b>	*	7 = Place of delivery
<b>C517 Location identification</b>	C	<b>R</b>		
3225 Location name code	C an..25	<b>R</b>		Customer-GLN resp. DUMMY-GLN
1131 Code list identification code	C an..17	<b>N</b>		
3055 Code list responsible agency code	C an..3	<b>R</b>	*	9 = EAN (International Article Numbering Association)
3224 Location name	C an..256	<b>N</b>		
<b>C519 Related location one identification</b>	C	<b>D</b>		
3223 First related location name code	C an..25	<b>R</b>		Internal customer's identification
1131 Code list identification code	C an..17	<b>N</b>		
3055 Code list responsible agency code	C an..3	<b>R</b>	*	91 = Assigned by supplier or supplier's agent 92 = Assigned by buyer or buyer's agent
3222 First related location name	C an..70	<b>N</b>		
<b>C553 Related location two identification</b>	C	<b>N</b>		
3233 Second related location name code	C an..25			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
3232 Second related location name	C an..70			
<b>5479 Relation code</b>	C an..3	<b>N</b>		
<u>Segment notes:</u>				
- Place of delivery resp. information about the partner for which this prices are valid; Optional; A/N 20 The price in the PRI-segment can be related to a special customer resp. a group of customers here.				
We recommend to use GLN. If no GLN is available than Dummy-GLN 9099999300476 + internal identification (DE3223) must be provided! LOC+7+9012345000004::9' or with Dummy-GLN LOC+7+9099999300476::9+94849::91'				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG41-SG47-SG51-SG56			
SG41 - C	1 - ALC-SG44			
ALC - M	1 - Allowance or charge			
Function	: To identify allowance or charge details.			
Segment number	: 26			
Data element group/Data element	EDIFACT	ANW	*	Description
<b>5463 Allowance or charge code qualifier</b>	M an..3	<b>M</b>	*	C = Charge
<b>C552 Allowance/charge information</b>	C	<b>N</b>		
1230 Allowance or charge identifier	C an..35	<b>N</b>		
5189 Allowance or charge identification code	C an..3	<b>N</b>		
<b>4471 Settlement means code</b>	C an..3	<b>N</b>		
<b>1227 Calculation sequence code</b>	C an..3	<b>N</b>		
<b>C214 Special services identification</b>	C	<b>M</b>		
7161 Special service description code	C an..3	<b>M</b>	*	AEO = Collection service and recycling service
1131 Code list identification code	C an..17	<b>N</b>		
3055 Code list responsible agency code	C an..3	<b>N</b>		
7160 Special service description	C an..35	<b>N</b>		
7160 Special service description	C an..35	<b>N</b>		
<b>Segment notes:</b>				
- ARA (DE5463 = C; DE7161 = AEO); Optional; A/N 3 This segment must always be used with the following MOA segment.				
Example: ALC+C++++AEO' MOA+8:2.4'				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG41-SG47-SG51-SG56			
SG41 - C	1 - ALC-SG44			
SG44 - M	10 - MOA			
MOA - M	1 - Monetary amount			
Function :	To specify a monetary amount.			
Segment number :	27			
Data element group/Data element	EDIFACT	ANW	*	Description
<b>C516 Monetary amount</b>	M	<b>M</b>		
5025 Monetary amount type code qualifier	M an..3	<b>M</b>	*	8 = Allowance or charge amount
5004 Monetary amount	C n..35	<b>M</b>		
6345 Currency identification code	C an..3	<b>N</b>		
6343 Currency type code qualifier	C an..3	<b>N</b>		
4405 Status description code	C an..3	<b>N</b>		
<u>Segment notes:</u>				
- ARA/Value (DE5025 = 8; DE75004 = ARA); Optional; N 7+3 This segment must always be used with the previous ALC segment				
Example: ALC+C++++AEO' MOA+8:2.4'				



SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG41-SG47-SG51-SG56			
SG47 - M	1 - PAC-MEA			
PAC - M	1 - Package			
Function	: To describe the number and type of packages/physical units.			
Segment number	: 28			
Data element group/Data element	EDIFACT	ANW	*	Description
<b>7224 Package quantity</b>	C n..8	N		
<b>C531 Packaging details</b>	C	N		
7075 Packaging level code	C an..3			
7233 Packaging related description code	C an..3			
7073 Packaging terms and conditions code	C an..3			
<b>C202 Package type</b>	C	M		
7065 Package type description code	C an..17	M		CT = Carton NE = Unpacked or unpackaged FPE = Foil packed (EAN Code) For more codes see the code list
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	D	*	9 = GS1 Code 9 must be provided, when in DE7065 an EAN-Code is used!
7064 Type of packages	C an..35	N		
<b>C402 Package type identification</b>	C	N		
7077 Description format code	M an..3			
7064 Type of packages	M an..35			
7143 Item type identification code	C an..3			
7064 Type of packages	C an..35			
7143 Item type identification code	C an..3			
<b>C532 Returnable package details</b>	C	N		
8395 Returnable package freight payment responsibility code	C an..3			
8393 Returnable package load contents code	C an..3			
<u>Segment notes:</u>				
- Packaging type; Mandatory; A/N 3 Packaging type of the base article/base assortment or package unit. PAC+++CT'				

When the article is unpacked qualifier NE must be set in DE 7065!

Packaging types, not involved in the code list "Packaging type" should be related to similar packaging types.

Example:

- Cup
- Dose, cylindric
- Display-package

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG41-SG47-SG51-SG56			
SG47 - M	1 - PAC-MEA			
MEA - C	5 - Measurements			
Function :	To specify physical measurements, including dimension tolerances, weights and counts.			
Segment number :	29			
Data element group/Data element	EDIFACT	ANW	*	Description
<b>6311 Measurement purpose code qualifier</b>	M an..3	<b>M</b>	*	AAE = Measurement
<b>C502 Measurement details</b>	C	<b>M</b>		
6313 Measured attribute code	C an..3	<b>M</b>	*	HT = Height dimension DP = Depth WD = Width dimension AAB = Unit gross weight AAA = Unit net weight
6321 Measurement significance code	C an..3	<b>N</b>		
6155 Non-discrete measurement name code	C an..17	<b>N</b>		
6154 Non-discrete measurement name	C an..70	<b>N</b>		
<b>C174 Value/range</b>	C	<b>M</b>		
6411 Measurement unit code	M an..3	<b>M</b>	*	MMT = Millimetre GRM = Gram
6314 Measurement value	C an..18	<b>M</b>		
6162 Range minimum value	C n..18	<b>N</b>		
6152 Range maximum value	C n..18	<b>N</b>		
6432 Significant digits quantity	C n..2	<b>N</b>		
<b>7383 Surface or layer code</b>	C an..3	<b>N</b>		
<u>Segment notes:</u>				
- Height of the article, with or without (Qualifier NE in PAC) package; Optional; N 7 MEA+AAE+HT+MMT:200'				
- Width of the article, with or without (Qualifier NE in PAC) package; Optional; N 7 MEA+AAE+WD+MMT:140'				
- Depth of the article, with or without (Qualifier NE in PAC) package; Optional; N 7 MEA+AAE+DP+MMT:310'				
- Gross weight of the article, with package; Optional; N 7 MEA+AAE+AAB+GRM:480'				
- Net weight of the article, without package; Optional; N 7 MEA+AAE+AAA+GRM:210'				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG41-SG47-SG51-SG56			
SG51 - C	99 - EFI-CED			
EFI - M	1 - External file link identification			
Function :	To specify the link of one non-EDIFACT external file to an EDIFACT message.			
Segment number :	30			
Data element group/Data element	EDIFACT	ANW	*	Description
<b>C077 File identification</b>	M	M		
1508 File name	C an..35	M		Data name
7008 Item description	C an..256	M		Link to external data
<b>C099 File details</b>	C	R		
1516 File format name	M an..17	M		Data Format
1056 Version identifier	C an..9	N		
1503 Data format description code	C an..3	R		3 = Binary
1502 Data format description	C an..35	N		
<b>1050 Sequence position identifier</b>	C an..10	N		
<b>9450 File compression technique name</b>	C an..35	N		
<u>Segment notes:</u>				
- Link to an external data- PICTURE; Optional EFI+MODEL I:www.musterseite.com+BMP::3'				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG41-SG47-SG51-SG56			
SG51 - C	99 - EFI-CED			
CED - C	1 - Computer environment details			
Function :	To give a precise definition of all necessary elements belonging to the configuration of a computer system like hardware, firmware, operating system, communication (VANS, network type, protocol, format) and application software.			
Segment number :	31			
Data element group/Data element	EDIFACT	ANW	*	Description
<b>1501 Computer environment details code qualifier</b>	M an..3	<b>M</b>	*	ZZ1 = Resolution
<b>C079 Computer environment identification</b>	M	<b>M</b>		
1511 Computer environment name code	C an..3	<b>R</b>	*	ZZ1 = Resolution
1131 Code list identification code	C an..17	<b>N</b>		
3055 Code list responsible agency code	C an..3	<b>N</b>		
1510 Computer environment name	C an..35	<b>M</b>		data resolution - value
1056 Version identifier	C an..9	<b>N</b>		
1058 Release identifier	C an..9	<b>N</b>		
7402 Object identifier	C an..35	<b>N</b>		
<b>9448 File generation command name</b>	C an..35	<b>N</b>		
<u>Segment notes:</u>				
- External Data (PICTURE) - Resolution, Optional; A/N 35 CED+ZZ1+ZZ1:::400 x 600'				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG41-SG47-SG51-SG56			
SG56 - C	999 - HYN-QTY			
HYN - M	1 - Hierarchy information			
Function :	A segment to identify hierarchical connections from a given item to a higher or lower levelled item or to identify dependencies among the content of hierarchically related groups of data.			
Segment number :	32			
Data element group/Data element	EDIFACT	ANW	*	Description
<b>7173 Hierarchy object code qualifier</b>	M an..3	<b>M</b>	*	2 = Product
<b>7171 Hierarchical structure relationship code</b>	C an..3	<b>R</b>	*	2 = Child
<b>1229 Action request/notification description code</b>	C an..3	<b>N</b>		
<b>C212 Item number identification</b>	C	<b>R</b>		
7140 Item identifier	C an..35	<b>R</b>		Item/service number
7143 Item type identification code	C an..3	<b>R</b>	*	SRV = EAN.UCC Global Trade Item Number SA = Supplier's article number
1131 Code list identification code	C an..17	<b>N</b>		
3055 Code list responsible agency code	C an..3	<b>N</b>		
<b>7166 Hierarchical structure parent identifier</b>	C an..35	<b>N</b>		
<u>Segment notes:</u>				
- Article number of the next lower packaging unit; Optional; A/N 35 HYN+2+2++9099999300476:SRV' (GTIN) or HYN+2+2++937433:SA' (supplier's internal number)				
This information is required only in connection with a base assortment or packaging unit. (Code SG and NS in IMD, DE 7009). Additionally the following QTY-Segment must be transmitted. (See IMD-Segment notes).				

SG17 - M	1 - PGI-SG18-SG36			
SG36 - M	999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-FTX-SG37-SG38-SG40-SG41-SG47-SG51-SG56			
SG56 - C	999 - HYN-QTY			
QTY - M	1 - Quantity			
Function	: To specify a pertinent quantity.			
Segment number	: 33			
Data element group/Data element	EDIFACT	ANW	*	Description
<b>C186 Quantity details</b>	M	<b>M</b>		
6063 Quantity type code qualifier	M an..3	<b>M</b>	*	45E = Number of units in higher packaging or configuration level (EAN Code)
6060 Quantity	M an..35	<b>M</b>		Quantity
6411 Measurement unit code	C an..3	<b>N</b>		
<u>Segment notes:</u>				
- Number of units in higher packaging or configuration level (EAN Code); Optional; N 6 QTY+45E:10'				

UNT - M                    1 - Message trailer				
Function                    :            To end and check the completeness of a message.				
Segment number        :    34				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>0074    Number of segments in the message</b>	M n..6	<b>M</b>		Sum of all segments
<b>0062    Message reference number</b>	M an..14	<b>M</b>		Reference number from the UNH-Segment is to be repeated here.
<u>Segment notes:</u>				
PRICAT Sum part				
This segment is a mandatory UN/EDIFACT segment. It always has to be the last segment in the message.				
Example:				
UNT+141+ME000001'				



UNZ - M                    1 - Interchange trailer				
Function                    :            To end and check the completeness of an interchange.				
Segment number        :    35				
Data element group/Data element	EDIFACT	ANW	*	Description
<b>0036 Interchange control count</b>	M n..6	<b>M</b>		Number of messages or functional groups within an interchange.
<b>0020 Interchange control reference</b>	M an..14	<b>M</b>		Identical to DE 0020 in UNB segment.
<u>Segment notes:</u>				
This segment is used to provide the trailer of an interchange.				
DE 0036: If functional groups are used, this is the number of functional groups within the interchange. If functional groups are not used, this is the number of messages within the interchange.				
Example: UNZ+5+12345555'				

**EXAMPLE:**

<b>EANCOM</b>	<b>Description</b>
UNB+UNOA:3+5412345678908:14+8798765432106:14+020102:1000+12345555+++++EANCOMR EF 52'	Interchange Header
UNH+ME000001+PRICAT:D:01B:UN:EAN008'	Message Header
BGM+9+3574+9'	Message type
DTM+137:20090301:102'	Message date
NAD+BY+9012345000004::9'	Buyer GLN
NAD+SU+9012345000011::9'	Supplier GLN
PGI+2'	Beginning of the detail section
CUX+2:EUR:8'	Currency
LIN+1+1+9054321444441:SRV'	1. Article, Added
PIA+1+COD:GU'	Supplier's internal article group number/product classification
PIA+4+9099999300414:SRV'	Forerunner item GTIN
IMD+A++++:SOFTDRINK 0.5L ORANGE'	Article description long

IMD+E++::: SOFTDRINK 0.5L '	Article description short
IMD+D++:::SOFTDRINK'	Free-form price look up
IMD+C++DU:::9'	Despatch unit
IMD+C++IN:::9'	Invoicing unit
IMD+C+AVI:::9+ORU:::9'	Pre -ordering unit
IMD+C++SU:::9'	Base article
MEA+AAE+ADX+MLT:500'	Net filling quantity 0.5 L
DTM+7:20090420:102'	This article becomes effective on 20.April 2007
DTM+418:120:804'	Minimum shelf life remaining at time of receipt = 120 days
CCI+++ECOLOG:::246'	Organic product
CAV+Y:::246:AT-N-01-BIO'	Organic control number
CCI+++LABELS:::246'	Labelling information
CAV+AMA:::294'	AMA Bio identifier
CAV+EEL:::294'	EU Ecolabel
CAV+SLF:::294'	Keimblatt Kennzeichen
TAX+7+VAT+++:::20+S'	VAT 20 %
PRI+AAA:4.20:DI:LIU'	List price (Net price)
RNG+4+PCE:1:50'	The price applies for a quantity from 1 to 50
DTM+194:20090420:102'	The price becomes effective on 20. April 2009
LOC+7+9099999300476:::9'	This price applies for the customer with GLN
PRI+AAA:4.10:DI:LIU'	Net price (List price)
RNG+4+PCE:51:100'	The price applies for a quantity from 51 to 100
DTM+194:20090420:102'	The price becomes effective on 20. April 2009
LOC+7+9099999300476:::9'	This price applies for the customer with GLN
PAC+++NE'	Article is not packaged
LIN+2+1+9054321444442:SRV'	2. Article, Added

IMD+C++DU::9'	Despatch unit
IMD+C++IN::9'	Invoicing unit
IMD+C++ORU::9'	Ordering unit
IMD+C++NS::9'	Packaging unit
DTM+7:20090420:102'	This article becomes effective on 20. April 2009
DTM+418:120:804'	Minimum shelf life remaining at time of receipt = 120 days
TAX+7+VAT+++:::20+S'	VAT 20 %
PRI+AAA:4:DI:LIU'	List price
RNG+4+PCE:6:18'	This price is related to a single bottle by ordering scale from 1 carton (=6 bottles) to 3 cartons (=18 bottles)
PRI+AAA:3.85:DI:LIU'	List price
RNG+4+PCE:24'	This price is related to a single bottle by ordering quantity from 4 cartons (=24 bottles)
PAC+++CT'	The article is packed in carton
HYN+2+2++9054321444441:SRV'	This article is a package hierarchy for the article with GTIN 9054321444441
QTY+45E:6'	GTIN 9054321444441 is included 6 times in this package hierarchy
LIN+3+1+9012345987770:SRV'	3. Article, Added
IMD+A+++:::DISPLAY ARTICLE'	Article description long
IMD+C++SG::9'	Assortment unit
IMD+C++ORU::9'	Ordering unit
IMD+C++DU::9'	Despatch unit
IMD+C++IN::9'	Invoicing unit
DTM+7:20090420:102'	Effective date
DTM+44:2009042020090620:718	This article is available only seasonal
TAX+7+VAT+++:::20+S'	VAT 20 %
PRI+AAA:1.2:CA:PRP'	Promotional price

DTM+273:2009053020090630:718'	Validity period for the price
PAC+++CT'	The article is packed in carton
HYN+2+2++9049888888882:SRV'	GTIN 9049888888882 is a part of this display
QTY+45E:2'	GTIN 9049888888882 is included two times
HYN+2+2++9049777777778:SRV'	GTIN 9049777777778 is a part of this display
QTY+45E:1'	GTIN 9049777777778 is included once
LIN+4+1'	4. Article, Added
PIA+5+9438444:SA'	The product is identified by supplier's internal number
IMD+A+++:::KLAUSBURGER LAIB'	Article description long
IMD+C++DU:::9'	Despatch unit
IMD+C++IN:::9'	Invoicing unit
IMD+C++ORU:::9'	Ordering unit
IMD+C++SU:::9'	Base article
IMD+C++VQ:::9'	Variable quantity product
MEA+AAE+ADX+KGM:6'	Average net filling quantity
DTM+7:20090530:102'	Effective date
TAX+7+VAT++++:::20+S'	VAT 20 %
PRI+AAA:4.10:DI:LIU:1:KGM'	Net price per 1 KGM
PAC+++FPE'	The article is foil packed
LIN+5+1'	5. Article, Added
PIA+5+9438444:SA'	The product is identified by supplier's internal number
IMD+A+++:::KLAUSBURGER LAIB CARTON 10'	Article description long
IMD+C++DU:::9'	Despatch unit
IMD+C++IN:::9'	Invoicing unit
IMD+C++ORU:::9'	Ordering unit
IMD+C++NS:::9'	Package unit

IMD+C++VQ::9'	Variable quantity product
MEA+AAE+ADX+KGM:5'	Average net filling quantity
DTM+7:20090530:102'	Effective date
TAX+7+VAT++++:::20+S'	VAT 20 %
PRI+AAA:4.10:DI:LIU:1:KGM'	List price per KGM
PAC+++CT'	The article is packed in carton
HYN+2+2++9438444:SA'	This article is a package hierarchy for the article with supplier's number 9438444 (base article (=SU))
QTY+45E:10'	The base article with supplier's number 9438444 is included 10 times in this package hierarchy
LIN+6+1'	6. Article, Added
PIA+5+9438444:SA'	The product is identified by supplier's internal number
IMD+A++++:KLAUSBURGER LAIB KARTON 20'	Article description long
IMD+C++DU::9'	Despatch unit
IMD+C++IN::9'	Invoicing unit
IMD+C++ORU::9'	Ordering unit
IMD+C++NS::9'	Package unit
IMD+C++VQ::9'	Variable quantity product
MEA+AAE+ADX+KGM:10'	Average net filling quantity
DTM+7:20090530:102'	Effective date
TAX+7+VAT++++:::20+S'	VAT 20 %
PRI+AAA:4.00:DI:LIU:1:KGM'	List price per KGM
PAC+++CT'	The article is packed in carton
HYN+2+2++9438444:SA'	This article is a package hierarchy for the article with supplier's number 9438444 (base article (=SU))
QTY+45E:20'	The base article with supplier's number 9438444 is included 10 times in this package hierarchy
UNT+107+ME000001'	Message trailer
UNZ+1+12345555'	Interchange trailer

EU- 1169/2011 - relevant product characteristicsProduct: Ültje / Pistazien ohne SchaleGTIN: 4004980539402I. Picture



# Pistazien ohne Schale

gesalzen

**ohne Fett  
im Ofen geröstet**



Besuche mich auf  
[www.ultjemann.de!](http://www.ultjemann.de)

Unter Schutzatmosphäre verpackt. Packaged in a protective atmosphere. Conditionné sous atmosphère protectrice. Confezionato in atmosfera protettiva. Pakirano v kontrolirani atmosferi.  
 Mindestens haltbar bis Ende / Best before end of / A consommer de préférence avant fin / Da consumarsi preferibilmente entro fine / Uporabno najmanj do konca:

06.2014  
L63884 13:15

Warnung: Kleine Kinder können an Nüssen ersticken. Warning: Small children can choke on nuts. Attention: L'ingestion des noix peut provoquer l'étouffement chez les enfants. Attenzione: I bambini piccoli possono soffocare ingoiando noci. Opozorilo: Majhni otroci se lahko zadušijo z oreščki.

(D) Pistazien ohne Schale, ohne Fett geröstet und gesalzen  
 ZUTATEN: Pistazien ohne Schale, Salz. Enthält Spuren von Erdnüssen und anderen Nüssen.

(GB) Pistachios, dry roasted and salted  
 INGREDIENTS: Pistachio kernels, salt. Contains traces of peanuts and other nuts.

(F) Pistaches, grillées sans huile et salées  
 INGREDIENTS: Pistaches, sel. Produit contient des traces de cacahuètes et d'autres fruits à coque.

(I) Pistacchi senza guscio, tostati senza uso di grassi e salati  
 INGREDIENTI: Pistacchi senza guscio, sale. Contiene tracce di arachidi e altra frutta a guscio.

(SI) Oluščena pistacija, pražena brez maščob in soljena  
 SESTAVINE: Oluščena pistacija, sol. Vsebuje sledi arašidov in drugih oreščkov.

Kühl und trocken lagern. Keep cool and dry. A conserver au frais et au sec. Conservare in luogo fresco e asciutto. Hranite v suhem in hladnem prostoru.

Durchschnittliche Nährwerte / Typical composition		
	Pro/ per 100 g	1 Portion (30g) Beutel/ bag = 4-5 x 30g
Brennwert/ Energy	2650 kJ/ 640 kcal	795 kJ/ 192 kcal
Eiweiß/ Protein	20 g	6,1 g
Kohlenhydrate/ Carbohydrates	16 g	4,9 g
davon Zucker/ of which sugars	6,1 g	1,8 g
Fett/ Fat	54 g	16 g
davon gesättigte Fettsäuren of which saturates	10 g	3,0 g
davon einfach ungesättigte Fettsäuren of which mono-unsaturated	36 g	11 g
davon mehrfach ungesättigte Fettsäuren of which polyunsaturated	7,2 g	2,2 g
Ballaststoffe/ Fiber	4,3 g	1,3 g
Natrium/ Sodium	0,6 g	0,2 g
Vitamin E	3,1 mg (26%**)	0,9 mg (8%**)
Vitamin B 1	0,9 mg (82%**)	0,3 mg (25%**)
Magnesium	153 mg (41%**)	46 mg (12%**)

\*\*RDA= Richtwerte der empfohlenen Tagesmenge / recommended daily amounts  
 \*\*% des Richtwertes für die Tageszufuhr (Guideline Daily Amount=GDA).  
 Die deklarierten Werte basieren auf einer Ernährung von täglich 2000 kcal (Quelle: CIAA)  
 \*\*% of an adult's guideline daily amount (Guideline Daily Amount=GDA).  
 The declared values are based on a daily nutrition of 2000 kcal (source: CIAA)



125 g e

ültje GmbH  
 Postfach  
 D-58207 Schwerte  
 www.ultje.de

4 004980 539402 >

## II. EU- 1169/2011 – Business Terms

- Product description as required by law
- Contact and address of the food service operator
- Place of origin
- Net filling quantity
- Country of origin
- Obligatory identifications on the product
- Ingredient statement
- Storage instructions
- Nutritional claim
- Preparation instructions
- Allergens
- Preparation type
- Allergen type and Allergen grade
- Health Claim
- Quantity of serving sizes per package
- Serving size
- Nutrient information (Per 100 g)
  - Preparation grade
  - Reference value and measurement unit
  - Nutrient with quantity and measurement unit (nutrient information)
  - Day portion resp. % RDA
- Nutrient information (Per Portion)
  - Preparation grade
  - Reference value and measurement unit
  - Nutrient with quantity and measurement unit (nutrient information)
  - Day portion resp. % RDA



### III. EANCOM Example

Please consider the information provided below only as an example!

<u>EANCOM</u>	<u>Business terms</u>
LIN+1+3+4004980539402:SRV'	GTIN of the product
..... .....	
<u>EU-LMIV 1169/2011</u>	
IMD+A+ANM::9+REGULATED::246:Pistazien ohne Schale, ohne Fett geröstet und gesalzen'	<u>Product description as required by law</u>
IMD+F+DIS::246+:::ültje GmbH Postfach D-58207 Schwerte'	<u>Contact and address of the food service operator</u>
IMD+A++PROVENANCE::246:Türkei'	<u>Place of origin</u>
MEA+AAE+ADX+GRM:125'	<u>Net filling quantity</u>
ALI+DE'	<u>Country of origin</u>
FTX+Z09+1++Unter Schutzatmosphäre verpackt '	<u>Obligatory identifications on the product</u>
FTX+BLY+1++Pistazien ohne Schale, Salz'	<u>Ingredient statement</u>
FTX+HAN+1++Kühl und trocken lagern+DE'	<u>Storage instructions</u>
FTX+Z10+1++ Salzgehalt ist ausschließlich auf die Anwesenheit natürlich vorkommenden Natriums zurückzuführen+DE'	<u>Nutritional claim</u>
FTX+AEI+1++Packungsinhalt nach dem Öffnen verzehrfertig+DE'	<u>Preparation instructions</u>
FTX+Z13+1++Enthält Spuren von Erdnüssen und anderen Nüssen+DE'	<u>Allergens</u>
CCI+++FBPREPINFO::9' CAV+:Y34:9:READY_TO_EAT'	<u>Preparation type</u>
CCI+++ALLERGEN::246' CAV+AP::246:CONTAINS' CAV+AN::246:CONTAINS'	<u>Allergen type und Allergen grade</u>
CCI+++HEALTHCLAIM::246' CAV+DE:3453:246: Beta-Glucane tragen zur Aufrechterhaltung eines normalen	<u>Health Claim</u>

Cholesterinspiegel im Blut bei'	
CCI+++SERVNUM::246' MEA+SV+CT+PTN:3'	<a href="#"><u>Serving sizes per package</u></a>
CCI+++SERVSIZE::246' MEA+SV++GRM:30'	<a href="#"><u>Serving size</u></a>
CCI+++FBNUINFO::246:1' CAV+:Y30:9:UNPREPARED' MEA+SV+X43+GRM:100'	<a href="#"><u>Nutrient information (Per 100 g)</u></a> <a href="#"><u>Reference value and measurement unit</u></a> <a href="#"><u>Preparation grade</u></a>
CCI+++NUTRIENT::9:1' CAV+:Y31:9:ENER-' MEA+SV+X45:3+KJO:2650' MEA+SV+X45:3+KCL:640'	<a href="#"><u>Nutrient information</u></a> <a href="#"><u>Caloric value</u></a> <a href="#"><u>Contained quantity in KJO</u></a> <a href="#"><u>Contained quantity in KCAL</u></a>
CCI+++NUTRIENT::9:1' CAV+:Y31:9:PRO-' MEA+SV+X45:3+GRM:20'	<a href="#"><u>Nutrient information</u></a> <a href="#"><u>Proteins</u></a> <a href="#"><u>Contained quantity in GRM</u></a>
CCI+++NUTRIENT::9:1' CAV+:Y31:9:FAT' MEA+SV+X45:3+GRM:54'	<a href="#"><u>Nutrient information</u></a> <a href="#"><u>Fat</u></a> <a href="#"><u>Contained quantity in GRM</u></a>
CCI+++NUTRIENT::9:1' CAV+:Y31:9:CHOAVL' MEA+SV+X45:3+GRM:16'	<a href="#"><u>Nutrient information</u></a> <a href="#"><u>Carbohydrates</u></a> <a href="#"><u>Contained quantity in GRM</u></a>
CCI+++NUTRIENT::9:1' CAV+:Y31:9:SUGAR-' MEA+SV+X45:3+GRM:6.1'	<a href="#"><u>Nutrient information</u></a> <a href="#"><u>Carbohydrates, from them sugar</u></a> <a href="#"><u>Contained quantity in GRM</u></a>
CCI+++NUTRIENT::9:1' CAV+:Y31:9:VITE-' MEA+SV+X45:3+GRM:3.1' MEA+SV+X44+P1:26' .....	<a href="#"><u>Nutrient information</u></a> <a href="#"><u>Vitamin E</u></a> <a href="#"><u>Contained quantity in GRM</u></a> <a href="#"><u>% RDA</u></a>
CCI+++FBNUINFO::246:2' CAV+:Y30:9:UNPREPARED' MEA+SV+X43+PTN:1'	<a href="#"><u>Nutrient information (Pro Portion)</u></a> <a href="#"><u>Reference value and measurement unit</u></a> <a href="#"><u>Preparation grade</u></a>
CCI+++NUTRIENT::9:2' CAV+:Y31:9:ENER-' MEA+SV+X45:3+KJO:795' MEA+SV+X45:3+KCL:192'	<a href="#"><u>Nutrient information</u></a> <a href="#"><u>Caloric value</u></a> <a href="#"><u>Contained quantity in KJO</u></a> <a href="#"><u>Contained quantity in KCAL</u></a>

CCI+++NUTRIENT::9:2' CAV+:Y31:9:PRO-' MEA+SV+X45:3+GRM:6.1'	<a href="#"><u>Nutrient information</u></a> <a href="#"><u>Proteins</u></a> <a href="#"><u>Contained quantity in GRM</u></a>
CCI+++NUTRIENT::9:2' CAV+:Y31:9:FAT' MEA+SV+X45:3+GRM:16'	<a href="#"><u>Nutrient information</u></a> <a href="#"><u>Fat</u></a> <a href="#"><u>Contained quantity in GRM</u></a>
CCI+++NUTRIENT::9:2' CAV+:Y31:9:CHOAVL' MEA+SV+X45:3+GRM:4.9'	<a href="#"><u>Nutrient information</u></a> <a href="#"><u>Carbohydrates</u></a> <a href="#"><u>Contained quantity in GRM</u></a>
CCI+++NUTRIENT::9:2' CAV+:Y31:9:SUGAR-' MEA+SV+X45:3+GRM:1.8'	<a href="#"><u>Nutrient information</u></a> <a href="#"><u>Carbohydrates, from them sugar</u></a> <a href="#"><u>Contained quantity in GRM</u></a>
CCI+++NUTRIENT::9:2' CAV+:Y31:9:VITE-' MEA+SV+X45:3+GRM:0.9' MEA+SV+X44+P1:8'	<a href="#"><u>Nutrient information</u></a> <a href="#"><u>Vitamin E</u></a> <a href="#"><u>Contained quantity in GRM</u></a> <a href="#"><u>% RDA</u></a>