



The Global Language of Business

GDSN Validation Rules Business Message Standard

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1 Introduction

2 Business Domain View

2.1 Business Need

2.2 Objective

This standard defines the validation rules that have been approved for use within the GDS Network for release 3.1. These validation rules cover all messages currently used within the GDS Network within the business domains of Catalogue Item Synchronisation, Price Synchronisation, Item Authorisation and Party Synchronisation.

2.3 Audience

The audience of this standard is any participant in the global supply chain. This includes retailers, manufacturers, service providers and other third parties.

2.4 References

Reference Name	Description
BMS GDSN Trade Item Module Library	
BMS Catalogue Item Synchronisation	
BMS Price Synchronisation	
BMS Basic Party Synchronisation	
BMS Item Authorisation	

3 Implementation Considerations

This section describes the usage of GDSN Error Codes and Error Messages for GDSN validations. The Error Message ID and Error Message (text) specified in the GDSN Validation rules must be sent on the GS1 Exception message when a validation error is detected by the Data Pool or the GS1 Global Registry.

GDSN Error Codes are sent in the GS1 Exception message using the attribute/tag `<errorCode>`.

GDSN Error Messages are sent using the attribute/tag `<errorDescription>`.

The following convention MUST be used in formatting the errorDescription. The content of the errorDescription MUST have the following attributes appended to the end of the text:

ATTRIBUTE NAME and ATTRIBUTE VALUE

This will assist the recipient of the error message to identify the cause of the error.

The following example illustrates the proper format which would be used for application of Validation Rule 16 – “GTIN (attribute) is required but not provided.”

```
<errorCode>"1"< /errorCode>
```

```
<errorDescription>"GTIN is required but not provided. attributeName "gtin"  
attributeValue "" "</ errorDescription>
```

The `<errorCode>` attribute may contain only the number of the Error Message ID and may not contain additional characters (such as a prefix).

The `<errorDescription>` attribute may contain only the message text of the Error Message (in double quotes) attributeName (literal), "Attribute XML Tag Name", attributeValue (literal) and "Attribute Value" and may not contain additional characters (such as a prefix).

The data pool (or registry) which detects a GDSN validation error is required to send a minimum of one error. The data pool may optionally send additional errors if they are detected.

4 List of Active Validation Rules



Note: The following is a summary of all approved rules. Details on validation rules including applicable attributes can be found at the following link:
[GDSN Validation Rules BMS All R3p1p0 d2p0p0.xlsx](#)

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
2	If cancelDateTime is not empty then value must be greater than or equal to current date.	cancelDateTime must be equal to or larger than Today's Date.	Registry Catalogue Item	global	
30	If targetMarketSubdivisionCode is not empty then value must be valid for targetMarketCountryCode.	targetMarketSubDivisionCode is not valid with the targetMarketCountryCode.	Catalogue Item Subscription, Registry Catalogue Item	global	
36	GLN of information provider or dataSource must be Registered in Global Registry.	GLN of information provider/data source does not exist in global registry.	Registry Catalogue Item	global	
41	If gtin is in GDS Global Registry then it must not be changed or corrected.	GTIN number cannot be changed or corrected	Registry Catalogue Item	global	
42	If Registry Catalogue Item (gtin,glN,targetmarket) is in GDS Global Registry then dataSource/glN cannot change.	The dataSource must not change after the Registry Catalogue Item is in the Global Registry.	Registry Catalogue Item	global	
44	If cancelDateTime has been populated at the global registry then cancelDateTime must not be updated with a 'CHANGE_BY_REFRESH' Document Command.	Cancel date cannot change; must be corrected	Registry Catalogue Item	global	
45	If the discontinuedDate has been populated at the global registry then the discontinuedDate must not be updated with a 'CHANGE_BY_REFRESH' Document Command.	Discontinued date cannot change; must be corrected	Registry Catalogue Item	global	
47	If CatalogueItemReference is not in GDS Global Registry then documentCommandCode must not equal 'CHANGE' or 'CORRECT'.	GLN, GTIN, Target Market Key does not exist in the Global Registry	Registry Catalogue Item	global	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
74	If cancelDateTime is not empty then value must be greater than registrationDateTime.	Cancel DateTime must be after Registration DateTime	Registry Catalogue Item	global	
76	If discontinuedDateTime is not empty then value must be greater than registrationDateTime.	Discontinued Date must be after Registration Date	Registry Catalogue Item	global	
82	dataRecipient/gln must be in GDS Party Registry.	Data Recipient GLN does not exist	Catalogue Item Subscription, Request for Notification (RFCIN)	global	
86	There must be at least one iteration of gtin, targetMarket gpcCategoryCode or dataSource/gln.	Data Recipient needs to provide at least one key attribute (GTIN, Category, Target Market or Data Source GLN)	Catalogue Item Subscription	global	
87	If gtin is not empty then gpcCategoryCode must be empty.	Category code and gtin cannot be an input together	Catalogue Item Subscription	global	
96	If tradeItemUnitDescriptor is equal to 'BASE_UNIT_OR_EACH' then ChildTradeItem/gtin must be empty.	A parent item with a tradeItemUnitDescriptorCode of BASE_UNIT_OR_EACH may not contain a child item.	Catalogue Item Notification	global	
98	If specialItemCode does not equal 'DYNAMIC_ASSORTMENT' and parent trade item netWeight and child trade item netWeight are not empty then parent netWeight must be greater than or equal to the sum of (netweight multiplied by quantityOfNextLowerLevelTradeItem) of each child item.	If net weight is populated on both parent and child items, then net weight of the parent must be greater than or equal to the sum of the net weight of all the children except when special item code = "DYNAMIC_ASSORTMENT".	Catalogue Item Notification	global	
104	If the AVP is a Fast Track attribute, then it must follow the defined rules (facets, specified code values, etc).. If the AVP is a Fast track attribute and is defined as a complex structure, then it should be sent as a complex AVP	<attribute><value> does not comply with attribute value as defined in the current Business Requirements Document	All GDSN Messages	global	
105	Attribute value must follow the definition for the associated data type in Business Message Standard.	Values do not comply with attribute data type as defined in the current standard.	All GDSN Messages	global	
106	You can pass a null value when using a 'CORRECT' or 'CHANGE_BY_REFRESH' command to reset discontinuedDateTime or cancelDateTime.	You can pass a null value when using a 'CORRECT' or 'CHANGE_BY_REFRESH' command to reset discontinuedDateTime or cancelDateTime.	Registry Catalogue Item	global	
107	If discontinuedDateTime is not empty then cancelDateTime must be empty.	The discontinuedDateTime and the cancelDateTime were both set for the same item or the	Registry Catalogue Item	global	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
		CatalogueItem and TradeItem discontinuedDatesTime and cancelDateTime were not the same.			
115	Only an originating Data Pool for that party record should be able to change it.	Only an originating Data Pool for that party record should be able to change it	Basic Party Sync	global	
200	If isTradeItemAnOrderableUnit is equal to 'true' and isTradeItemNonPhysical is equal to 'false' or is empty then grossWeight must be greater than '0'.	If isTradeItemAnOrderableUnit = true, grossWeight must be populated with a value greater than zero	Catalogue Item Notification	global	
201	If grossWeight is not empty and netWeight is not empty then grossWeight must be greater than or equal to netWeight.	If grossWeight and netWeight are provided on the same record, grossWeight must be greater than or equal to netWeight	Catalogue Item Notification	global	
202	If specialItemCode is not equal to 'DYNAMIC_ASSORTMENT' then the sum of all quantityofNextLowerLevelTradeItem must be equal to totalQuantityOfNextLowerLevelTradeItem.	Sum of quantityofNextLowerLevelTradeItem must equal totalQuantityOfNextLowerLevelTradeItem except when special item code = 'dynamic_assortment'. See the approved validations rule document for certification	Catalogue Item Notification	global	
203	dataRecipient must not be empty.	Attribute dataRecipient is required to be populated in a Catalogue Item Notification message.	Catalogue Item Notification	global	
204	If isTradeItemADespatchUnit is equal to 'true' and isTradeItemNonPhysical is equal to 'false' or is empty then grossWeight must be greater than '0'.	If isTradeItemADespatchUnit equals 'true', grossWeight must be populated with a value greater than zero.	Catalogue Item Notification	Global	
300	EntityIdentification/PartyIdentification/gln must be equal to dataSource and must be the same for all levels of trade item hierarchy.	Value for contentOwner must be the GLN of the dataSource and must be consistent in all three levels of all messages.	Registry Catalogue Item, Catalogue Item Notification, Catalogue Item Registration Response	global	
312	isTradeItemAnOrderableUnit must be equal to 'true' for at least one item in a Catalogue Item Notification Message.	isTradeItemAnOrderableUnit must be True for at least one GTIN within a hierarchical configuration.	Catalogue Item Notification	global	
314	If minimumTradeItemLifespanFromTimeOfProduction is not empty and minimumTradeItemLifespanFromTimeOfArrival is not empty then minimumTradeItemLifespanFromTimeOfProduction	minimumTradeItemLifespanFromTimeOfProduction must be greater than or equal to minimumTradeItemLifespanFromTimeOfArrival.	Catalogue Item Notification	global	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
	must be greater than or equal to minimumTradeltemLifespanFromTimeOfArrival.				
325	If targetMarketCountryCode is equal to ('528' (Netherlands) or '250' (France)) and isTradeltemABaseUnit is equal to 'true' and (gpcCategoryCode is in GPC Family '50202200' and GPC Brick does not equal('10000142' or '10000143') then percentageOfAlcoholByVolume must not be empty.	For the Target Market '528' (Netherlands) and '250' (France), the percentageOfAlcoholByVolume must be populated for all items on the lowest level of the hierarchy where isTradeltemABaseUnit equals 'true' and gpcCategoryCode is a brick in the '50202200' class except for bricks '10000142' or '10000143') then percentageOfAlcoholByVolume must not be empty.	Catalogue Item Notification	528 (Netherlands), 250(France)	
338	If targetMarketCountryCode is equal to '528' (Netherlands) and Class HazardousInformationHeader is not empty then at least one iteration must have dangerousGoodsRegulationCode equal to 'ADR' or 'ZZZ'	If the target market equals '528' (Netherlands) and the class HazardousInformationDetail is populated , then the dangerousGoodsRegulationCode in at least 1 of those iterations must equal 'ADR' or 'ZZZ'	Catalogue Item Notification	528 (Netherlands)	
339	If dangerousGoodsRegulationCode is equal to 'ADR' and dangerousGoodsPackingGroup is not empty then dangerousGoodsPackingGroup must equal ('NA','I', 'II' or 'III').	If dangerousGoodsRegulationCode equals 'ADR' and dangerousGoodsPackingGroup is not empty then dangerousGoodsPackingGroup must equal ('NA','I', 'II' or 'III').	Catalogue Item Notification	global	
341	If a start dateTime and its corresponding end dateTime are not empty then the start date must be less than or equal to corresponding end date.	Start dates cannot occur after their corresponding end dates if both dates are populated	Catalogue Item Notification	global	
345	Sender/Identifier/authority must equal 'GS1' .	The 'Authority' value in Sender and Receiver must be set to GS1.	All GDSN Messages	global	
346	DocumentIdentification/standard must equal 'GS1'.	The Document Identification Standard value must be set to GS1.	All GDSN Messages	global	
348	DocumentIdentification/type must equal valid GS1 Document.	The value of Type must be set to a valid GS1 document name.	All GDSN Messages	global	
350	If message type is response or exception then Scope must not be empty.	Business Scope must be present in the response or exception message	All GDSN Messages	global	
351	Scope/Type must equal value 'GDSN'.	The value of Business Scope type must be set to GDSN	All GDSN Messages	global	
352	CorrelationInformation/RequestingDocumentInstanceIdentifier must equal original message instance identifier.	Value of CorrelationInformation RequestingDocumentInstanceIdentifier is not recognized, it must be original message instance	All GDSN Messages	global	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
		identifier			
354	Document/EntityIdentification must be unique for a Command.	The same Document ID may not be repeated within the same Command	All GDSN Messages	global	
355	DocumentCommandIdentification/EntityIdentification must be unique for a Transaction.	The same Command ID may not be repeated within the same Transaction	All GDSN Messages	global	
356	TransactionIdentification/EntityIdentification must be unique for a Message.	The same Transaction ID may not be repeated within the same Message	All GDSN Messages	global	
357	DocumentIdentification/InstanceIdentifier must be unique across all messages.	The same Document Identification InstanceIdentifier may not be repeated on multiple messages	All GDSN Messages	global	
361	Instance Document (Message) must be well formed.	General XSD failure - not well formed, not referencing correct namespaces	All GDSN Messages	global	
362	If a minimum and corresponding maximum are not empty then the minimum must be less than or equal to the corresponding maximum.	Minimums cannot be greater than their corresponding maximums: AttributeException/attributeName	Catalogue Item Notification; Price Synchronisation Document	global	
363	A message must have at most one iteration of documentType and a transaction must have at most one iteration of commandType.	Must limit to 1 document type per message and 1 command type per transaction.	All GDSN Messages	global	
382	If ChildTradeItem/gtin is empty then attribute isTradeItemABaseUnit must be equal to 'true'.	If the item does not have a child item, the value of isTradeItemABaseUnit must be true.	Catalogue Item Notification	global	
383	If ChildTradeItem/gtin is not empty then attribute isTradeItemABaseUnit must be equal to 'false'.	If the trade item has a child item the value of isTradeItemABaseUnit must be false.	Catalogue Item Notification	global	
385	The priceSynchronisationDocumentIdentification must be unique within a Price Synchronisation relationship.	The priceSynchronisationDocumentIdentification is not unique for this relationship in Price Synchronisation.	Price Synchronisation Document	global	
386	The priceSynchronisationDocumentIdentification must be sequential within a Price Synchronisation relationship.	The priceSynchronisationDocumentIdentification is not sequential for this Price Synchronisation relationship.	Price Synchronisation Document	global	
387	The priceSynchronisationRelationshipIdentification must be unique for a data source in Price Synchronisation.	The priceSynchronisationRelationshipIdentification is not unique within this data source in Price Synchronisation.	Price Synchronisation Document	global	
388	Attribute value must use code list values associated with the data type in Business Message Standard.	Attribute value must use code list values associated with the data type in Business Message Standard.	Price Synchronisation Document	global	
389	PriceSynchronisationRelationship/priceSynchronisatio	The priceSynchronisationRelationshipIdentification	Price	global	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
	nRelationshipIdentification must equal PriceSynchronisationDocument/priceSynchronisationRelationshipIdentification	in the Relationship Segment and the Relationship ID in the price synchronization header are not equal.	Synchronisation Document		
392	If incotermCodeLocation is not empty then incotermCode must not be empty.	If incotermCodeLocation is populated, the incotermCode must also be populated.	Price Synchronisation Document	global	
393	The priceSynchronisationConditionIdentification must be unique within a data source in Price Synchronisation.	The priceSynchronisationConditionIdentification is not unique within this data source in Price Synchronisation.	Price Synchronisation Document	global	
395	If conditionType equals 'BRACKET' then bracketTierMinimum and bracketRangeQualifierCode must not be empty.	If conditionType equals 'BRACKET', you must provide both bracketTierMinimum and bracketRangeQualifierCode.	Price Synchronisation Document	global	
398	If gpcCategoryCode is not empty then its value must be in the Code List GPC Brick.	If populated, the GPC Category Code must be a valid GPC value that has been implemented in GDSN.	All GDSN Messages	global	
401	If conditionApplicationSequence is not empty then conditionType must equal 'ALLOWANCE' or 'CHARGE'.	If conditionApplicationSequence is not empty then the conditionType must equal 'ALLOWANCE' or 'CHARGE'.	Price Synchronisation Document	global	
402	If conditionApplicationSequence is not empty then value must be greater than 1.	If the conditionApplicationSequence is not empty, it must be greater than 1.	Price Synchronisation Document	global	
403	The priceSynchronisationConditionIdentification must be unique within an information provider in Price Synchronization.	The priceSynchronisationConditionIdentification must be unique within an information provider in Price Synchronization.	Price Synchronisation Document	global	
405	If instances of ItemPriceType/shipFrom are greater than 1 then instances of ItemPriceType/shipTo must equal 1.	If multiple business location ship froms exist, there can be only 1 business location ship to.	Price Synchronisation Document	global	
406	If instances of ItemPriceType/shipTo are greater than 1 then instances of ItemPriceType/shipFrom must equal 1.	If multiple business location ship tos exist, there can be only 1 business location ship from.	Price Synchronisation Document	global	
407	The Target Condition must be unique within an information provider in Price Synchronization.	The Target Condition must be unique within an information provider in Price Synchronization.	Price Synchronisation Document	global	
408	If PriceSynchronisationCondition/priceSynchronisationConditionIdentification is not empty then the	If populated, the Target Condition must have an effective end date value that is not in the past.	Price Synchronisation Document	global	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
	SegmentEffectiveStartDateInformation/effectiveStartDateTime must be greater than or equal to current date.				
409	If priceDocumentType does not equal 'INITIAL_LOAD' and the PriceSynchronisationCondition is not empty then the target condition must have a priceSynchronisationConfirmationStatusCode equal to 'RECEIVED', 'REVIEW' or 'SYNCHRONISED'.	The Target Condition must be in the accept, synchronize or review status in the price sync list except for First Initial Load.	Price Synchronisation Document	global	
410	If PriceSynchronisationCondition is not empty then PriceCommentaryInformation/priceType must be empty.	If the Target Condition Type is populated, then PriceCommentaryInformation/priceType cannot be populated.	Price Synchronisation Document	global	
411	If PriceSynchronisationCondition is not empty then PriceSynchronisationCondition/conditionType must equal 'BRACKET'.	If the Target Condition is referenced, it must be of type = bracket.	Price Synchronisation Document	global	
412	If PriceSynchronisationCondition is not empty then BracketQualifier/bracketTierMinimum, BracketQualifier/bracketTierMaximum, BracketQualifier/bracketRangeQualifierCode, BracketQualifier/bracketOperator must be empty.	If the PriceSynchronisationCondition is populated, the bracket tier minimum, bracket tier maximum, bracket range qualifier and bracket operator for the Item Price Type cannot be populated.	Price Synchronisation Document	global	
413	The TargetPriceType must be unique for an information provider in Price Synchronization.	The TargetPriceType must be unique within a information provider in Price Synchronization.	Price Synchronisation Document	global	
414	If targetPrice is not empty then the target price effectiveEndDateTime must be greater than or equal to current date.	If populated, the effectiveEndDate in the TargetPriceType cannot have a date that is in the past.	Price Synchronisation Document	global	
415	If priceDocumentTypeCode does not equal 'INITIAL_LOAD' and the targetPriceType is not empty then the target price must have a priceSynchronisationConfirmationStatusCode equal to 'RECEIVED', 'REVIEW' or 'SYNCHRONISED'.	The TargetPriceType must be in the accept, synchronize or review status in the price sync list except for First Initial Load.	Price Synchronisation Document	global	
416	If PriceCommentaryInformation is not empty then the priceTypeCode must be equal to 'ALLOWANCE', 'CHARGE', 'PROMOTIONAL_PRICE' or any priceTypeCode which includes the word 'TRANSACTION'.	If the TargetPriceType is populated, the Price Type Code must be equal to Allowance, Charge, Promotional Price or any of the Transaction Price Types identified by the word TRANSACTION in the code list value.	Price Synchronisation Document	global	
417	If targetPricetype is not empty then the target price	If the TargetPriceType is referenced, the PriceType	Price	global	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
	priceTypeCode must not equal 'ALLOWANCE' or 'CHARGE'.	code of that TargetPriceType must not be Allowance or Charge.	Synchronisation Document		
420	If ItemPriceType/priceTypeCode does not equal 'ALLOWANCE' or 'CHARGE' then priceTypeApplicationSequence must equal 1.	All PriceTypes, other than PriceType = 'Allowance' or 'Charge', must be assigned a PriceTypeApplicationSequence = 1.	Price Synchronisation Document	global	
421	If conditionType is considered a summary condition then conditionApplicationSequence must not equal 1.	ConditionApplicationSequence = 1 is not a valid Application Sequence for Summary Conditions.	Price Synchronisation Document	global	
422	priceSynchronisationDocumentIdentification must not be empty and must be unique per information provider.	The priceSynchronisationDocumentIdentification must be present and unique within a information provider in Price Synchronization.	Price Synchronisation Confirmation	global	
423	PriceSynchronisationDocument/priceSynchronisationRelationshipIdentification must not be empty and must be unique per information provider.	Within the header, the priceSynchronisationRelationshipIdentification must be present and unique within a information provider in Price Synchronization.	Price Synchronisation Confirmation	global	
424	If priceSynchronisationConfirmationStatus is equal to 'REVIEW' then confirmationStatusReasonCode and actionNeeded must not be empty.	If priceSynchronisationConfirmationStatusReason is Review, both Reason Code and ActionNeeded must be provided.	Price Synchronisation Confirmation	global	
425	PriceSynchronisationConfirmation/PriceSynchronisationRelationshipIdentification must equal an existing priceSynchronisationRelationshipIdentification.	The PriceSynchronisationRelationshipIdentification included in the PriceSynchronisationConfirmation must reference an existing Price Synchronisation Relationship identified by a priceSynchronisationRelationshipIdentification.	Price Synchronisation Confirmation	global	
426	PriceSynchronisationSegmentConfirmation/PriceSynchronisationConditionIdentification must equal an existing priceSynchronisationConditionIdentification.	The PriceSynchronisationConditionIdentification included in the PriceSynchronisationConfirmation must reference an existing Price Synchronisation Condition identified by a priceSynchronisationConditionIdentification.	Price Synchronisation Confirmation	global	
427	PriceSynchronisationSegmentConfirmation/itemPriceTypeSegmentIdentification must equal an existing itemPriceTypeSegmentIdentification.	The itemPriceTypeSegmentIdentification included in the PriceSynchronisationConfirmation must reference an existing Item Price Type Segment identified by a itemPriceTypeSegmentIdentification.	Price Synchronisation Confirmation	global	
428	If percentageOfAlcoholByVolume is not empty then value must be greater than or equal to 0 and less than or equal to 100.00.	If populated, percentageOfAlcoholByVolume must be greater than or equal to 0.00 and smaller than or equal to 100.00 by definition.	Catalogue Item Notification	global	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
429	The receiving data pool may fail optional messages within the GDS Network that are not supported by the receiving data pool.	The receiving DP is failing this message because it does not support this optional functionality.	All optional GDSN compliant messages (where the Document Identification Type is not supported.)	global	
431	If PriceSynchronisationCondition/conditionTypeCode is equal to 'BRACKET' then conditionValue, conditionValueType, priceValueQualifierCode, priceTypeApplicationSequence and priceBasisQuantity must be empty.	If condition type = 'BRACKET', then Condition Value, Condition Value Type, Qualifier, Basis Quantity, Basis Quantity UOM, and Application Sequence cannot be populated.	Price Synchronisation Document	global	
432	If PriceSynchronisationCondition/conditionType is equal to 'BRACKET' then at least one iteration of BracketQualifier must not be empty.	If Condition Type = 'BRACKET', then at least one bracket qualifier sub-class must be provided.	Price Synchronisation Document	global	
434	If priceTypeCode is not empty then conditionType must be empty.	If the priceTypecode is populated, then conditionType cannot be populated.	Price Synchronisation Document	global	
435	If instances of PriceSynchronisationCondition/BracketQualifier are greater than 1 then bracketOperatorCode must equal 'AND' or 'OR'.	If you provide more than one bracket qualifier in a Condition segment, then the bracket operators must either be all 'AND' or all 'OR'.	Price Synchronisation Document	global	
436	If instances of ItemPriceType/BracketQualifier are greater than 1 then bracketOperator must equal 'AND' or 'OR'.	If you provide more than one bracket qualifier in a Item Price Type segment, then the bracket operators must either be all 'AND' or all 'OR'.	Price Synchronisation Document	global	
437	If dangerousGoodsRegulationCode is equal to 'ADR' and classOfDangerousGoods is not empty then classOfDangerousGoods must equal ('1', '2', '3', '4.1', '4.2', '4.3', '5.1', '5.2', '6.1', '6.2', '7', '8' or '9').	If classOfDangerousGoods is populated and dangerousGoodsRegulationCode equals 'ADR', then classOfDangerousGoods must be one of the following values: '1', '2', '3', '4.1', '4.2', '4.3', '5.1', '5.2', '6.1', '6.2', '7', '8', '9'.	Catalogue Item Notification	global	
438	The PriceSynchronisationDocument/EntityIdentification/contentOwner must equal the PriceSynchronisationRelationship/EntityIdentification/contentOwner	Content Owner GLN must be same as relationship segment GLN	Price Synchronisation Document	global	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
439	If a PriceSynchronisationRelationship is in a status of 'REJECTED' then any subsequent associated ItemDepictionQualifier and PriceSynchronisationCondition are not valid.	The price data is not valid for price synchronization because the recipient previously rejected the relationship and it is in reject state.	Price Synchronisation Document	global	
440	A reject response to a trade item price type segment indicates that the recipient no longer wishes to receive any price type segment related to that catalogue trade item. As a result no subsequent pricing can be made on that trade item in the reject status.	The trade item is not valid for price synchronization because the recipient previously rejected a price type segment for the trade item.	Price Synchronisation Document	global	
441	A priceSynchronisationConfirmationStatus must not equal 'REJECTED' for a condition segment.	A reject segment cannot be sent on a condition segment	Price Synchronisation Confirmation	global	
442	If priceDocumentType is equal to 'RESTART' then DocumentCommand must equal 'CHANGE_BY_REFRESH' and all instances of ItemPriceType must have priceActionCode equal to 'ADD'.	If the Price Document Type is 'RESTART', the Synchronisation Header Action Code must equal 'CHANGE_BY_REFRESH' and all Item Price Types sent must have a Segment Action Code equal to 'ADD'.	Price Synchronisation Document	global	
443	If confirmationStatusReasonCode and actionNeeded are not empty then priceSynchronisationConfirmationStatus must be equal to 'REVIEW'.	If a Price Synchronisation confirmationStatusReasonCode or actionNeeded is provided priceSynchronisationConfirmationStatus must be in the status of 'REVIEW'.	Price Synchronisation Confirmation	global	
444	A PriceSynchronisationConfirmation for a segment is not valid if a PriceSynchronisationConfirmation message has been received with a priceSynchronisationConfirmationStatus equal to 'REJECTED'.	If a Price SynchronisationConfirmation is received from a data recipient after a previous confirmation has been sent for the segment with priceSynchronisationConfirmationStatus of 'REJECTED', the newly received PriceSynchronisationConfirmation is invalid	Price Synchronisation Confirmation	global	
446	If isTradelItemPackedIrregularly equals 'FALSE' and tradelItemCompositionWidth, tradelItemCompositionDepth and quantityOfCompleteLayersContainedInATradelItem are all supplied and tradelItemCompositionWidth/measurementUnitCode and tradelItemCompositionDepth/measurementUnitCode equal 'EA' then the product of the three attributes	If isTradelItemPackedIrregularly equals 'FALSE' and tradelItemCompositionWidth, tradelItemCompositionDepth and quantityOfCompleteLayersContainedInATradelItem are all supplied and tradelItemCompositionWidth/measurementUnitCode and tradelItemCompositionDepth/measurementUnitCode equal 'EA' then the product of the three attributes	Catalogue Item Notification	global	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
	should equal the totalQuantityOfNextLowerLevelTradeItem.	should equal the totalQuantityOfNextLowerLevelTradeItem.			
447	If attribute datatype is equal to gtin then it must have a valid check digit.	This GTIN has an incorrect check digit.	All	global	
448	If attribute datatype equals gln then it must be a 13 digit number and have a valid check digit.	This GLN has an incorrect check digit and or has incorrect length and values.	All	global	
449	If preliminaryItemStatusCode does not equal 'PRELIMINARY' then if the Document Command is equal to 'CHANGE_BY_REFRESH' then netContent must not be updated.	If preliminaryItemStatusCode does not equal 'PRELIMINARY' then if the Document Command is equal to 'CHANGE_BY_REFRESH' then netContent must not be updated.	Catalogue Item Notification	global	
450	If preliminaryItemStatusCode does not equal 'PRELIMINARY' then if the Document Command is equal to 'CHANGE_BY_REFRESH' then priceComparisonMeasurement must not be updated.	If preliminaryItemStatusCode does not equal 'PRELIMINARY' then if the Document Command is equal to 'CHANGE_BY_REFRESH' then priceComparisonMeasurement must not be updated.	Catalogue Item Notification	global	
451	If preliminaryItemStatusCode does not equal 'PRELIMINARY' then if the Document Command is equal to 'CHANGE_BY_REFRESH' then BrandNameInformation/brandName must not be updated.	The value for brandName is not allowed to be changed according to GTIN allocation rules. Additional information such as VIM to VIM Citris is allowable.	Catalogue Item Notification	global	
452	If preliminaryItemStatusCode does not equal 'PRELIMINARY' then if the Document Command is equal to 'CHANGE_BY_REFRESH' then totalQuantityOfNextLowerLevelTradeItem must not be updated.	If preliminaryItemStatusCode does not equal 'PRELIMINARY' then if the Document Command is equal to 'CHANGE_BY_REFRESH' then totalQuantityOfNextLowerLevelTradeItem must not be updated.	Catalogue Item Notification	global	
453	If the Document Command is equal to 'CHANGE_BY_REFRESH' then ChildTradeItem/TradeItemIdentification/gtin must not be updated.	childTradeItem GTIN is not allowed to be changed according to GTIN allocation rules	Catalogue Item Notification	global	
454	ChildTradeItem/gtin must not equal TradeItem/gtin	The GTIN cannot be a child of itself.	Catalogue Item Notification	global	
455	TradeItem/gtin must not equal parent Trade Item TradeItem/gtin.	A GTIN cannot be repeated under the same parent.	Catalogue Item Notification	global	
456	If isPriceOnPack is equal to 'true' then isTradeItemAConsumerUnit must equal 'true'.	isPriceOnPack may only be true for consumer units.	Catalogue Item Notification	global	
457	isTradeItemAnInvoiceUnit must equal 'true' for at least	One or more of the GTINs in each hierarchy must	Catalogue Item	global	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
	one trade item in a Catalogue Item Notification Message.	be marked as an INVOICE UNIT	Notification		
458	For a given Price ID, effectiveEndDateContextCode and effectiveStartDateContextCode are allowed to repeat. However, the repeat can only be from the remaining un-used code values.	Price Type Effective Start or End Date Contexts may only repeat using a previously un-used code value	Catalogue Price Notification	global	
459	If TargetMarket/targetMarketCountryCode is equal to ('036' (Australia) or '554' (New Zealand)) and SegmentEffectiveEndDateInformation/effectiveEndDateTime is not empty then value must be greater than or equal to current date.	If TargetMarket/targetMarketCountryCode is equal to ('036' (Australia) or '554' (New Zealand)), then the SegmentEffectiveEndDateInformation/effectiveEndDateTime must be a date equal to or after Today's date	Catalogue Price Notification	targetMarket=036 (Australia), 554 (New Zealand)	
460	If TargetMarket/targetMarketCountryCode is equal to ('036' (Australia) or '554' (New Zealand)) then priceValue must be greater than or equal to 0.	If TargetMarket/targetMarketCountryCode is equal to ('036' (Australia) or '554' (New Zealand)), then you must populate a Price Value; this value must be greater than or equal to zero.	Catalogue Price Notification	targetMarket=036 (Australia),554 (New Zealand)	
461	If TargetMarket/targetMarketCountryCode is equal to ('036' (Australia) or '554' (New Zealand)) and alternateLocationGrouping is not empty then priceTargetMarketSubdivision and shipTo must be empty.	If TargetMarket/targetMarketCountryCode is equal to ('036' (Australia) or '554' (New Zealand)) then, if the Alternate Location Grouping is populated, then the priceTargetMarketSubdivision and shipTo locations must be empty.	Catalogue Price Notification	targetMarket=036 (Australia), 554 (New Zealand)	
462	priceValueType must be equal to 'PERCENTAGE' or 'VALUE'.	You must populate a Price Value Type as either 'VALUE' or 'PERCENTAGE'	Catalogue Price Notification	global	
463	If TargetMarket/targetMarketCountryCode is equal to ('036' (Australia) or '554' (New Zealand)) then priceActionReason must not be empty.	If TargetMarket/targetMarketCountryCode is equal to ('036' (Australia) or '554' (New Zealand)) then the reason for Price Action Reason Code must be provided	Catalogue Price Notification	targetMarket=036 (Australia),554 (New Zealand)	
464	If TargetMarket/targetMarketCountryCode is equal to ('036' (Australia) or '554' (New Zealand)) then the codeDescription of tradeItemGroupIdentificationCodeReference must be equal for all Items with the the same tradeItemGroupIdentificationCodeReference.	If TargetMarket/targetMarketCountryCode is equal to ('036' (Australia) or '554' (New Zealand)) then the Trade Item Group ID Description must be the same for all GTINs within a Trade Item Group ID	Catalogue Item Notification	targetMarket=036 (Australia) , 554 (New Zealand)	
466	If packagingMaterialCompositionQuantity is not empty then value must be greater than 0.	Zero or negative values are not allowed for Packaging Material Composition Quantity where provided	Catalogue Item Notification	global	
469	If targetMarketCountryCode is equal to '528'	For Target Market '528' (Netherlands) codes	All Messages	targetMarket= 528	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
	(Netherlands) then gtin must not include the following company prefixes 0020 to 0029, 0040 to 0049 or 0200 to 0299.	starting with 0020-0029, 0040-0049, 0200-0299 are not allowed.		(Netherlands)	
471	If data type is equal to gtin then attribute value must be a valid GTIN-8, GTIN-12, GTIN-13 or GTIN-14 number.	If data type is equal to gtin then attribute value must be a valid GTIN-8, GTIN-12, GTIN-13 or GTIN-14 number.	All Messages	global	
472	ChildTradeltem/gtin must have corresponding item record.	For each GTIN in the hierarchy, populated in the next lower level trade item information the GTIN must have a corresponding item record.	Catalogue Item Notification	global	
473	If isTradeltemPackedIrregularly is equal to 'false' and (quantityOfCompleteLayersContainedInATradeltem and quantityOfTradeltemsContainedInACompleteLayer are not empty) then quantityOfNextLowerLevelTradeltem must equal quantityOfCompleteLayersContainedInATradeltem multiplied by value in quantityOfTradeltemsContainedInACompleteLayer.	if isTradeltemPacked Irregularly = False then Value in quantityofNextLowerLevelTradeltem must be equal to value in quantityOfCompleteLayersContainedInATradeltem multiplied by value in quantityOfTradeltemsContainedInACompleteLayer	Catalogue Item Notification	global	
474	If isTradeltemAConsumerUnit is equal to 'true' and dataCarrierTypeCode is equal to 'EAN_8' then the first six digits of the Tradeltem/GTIN must equal '000000'.	If isTradeltemAConsumerUnit is equal to 'true' and dataCarrierTypeCode is equal to 'EAN_8' then the first six digits of the Tradeltem/GTIN must equal '000000'.	Catalogue Item Notification	global	
475	targetMarketCountryCode and (targetMarketSubdivisionCode if not empty) must be consistent across item hierarchy. Example: If parent item targetmarketCountryCode is equal to '840' then child item cannot have a targetMarketCountryCode equal to '340'.	The Target Market Country Code and targetMarketSubdivisionCode when populated, will be consistent for all GTINs within a given hierarchy	Catalogue Item Notification	global	
477	If targetMarketCountryCode is equal to '752' (Sweden) and maximumTemperature , minimumTemperature and FlashPoint/flashPointTemperature are not empty then associated UnitOfMeasureCode must equal 'CEL'.	Unit of measures for maximum and minimum temperatures and flashPointTemperature may only be specified as degrees Celsius for target market '752' (Sweden).	Catalogue Item Notification	752 (Sweden)	
478	If nestingIncrement is not empty then value must be greater than 0.	If nestingIncrement is populated it must be greater than zero(0).	Catalogue Item Notification	global	
479	If targetMarketCountryCode is equal to '528'	If targetMarketCountryCode is equal to '528'	Catalogue Item	528 (Netherlands)	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
	(Netherlands) then stackingFactor must not be greater than 99.	(Netherlands): Invalid value for trade item stacking factor	Notification		
480	If targetMarketCountryCode is equal to '528' (Netherlands) then logisticsUnitStackingFactor must not be greater than 99.	If targetMarketCountryCode is equal to '528' (Netherlands): Invalid value for the non-GTIN logistic unit stacking factor	Catalogue Item Notification	528 (Netherlands)	
481	If targetMarketCountryCode is equal to '528' (Netherlands) and quantityOfLayersPerPallet is not empty then value must be less than 999.	If targetMarketCountryCode is equal to '528' (Netherlands): Invalid value for trade layers per pallet	Catalogue Item Notification	528 (Netherlands)	
485	discontinuedDateTime must only be updated with documentCommand of 'CORRECT'.	discontinuedDateTime must only be updated with documentCommand of 'CORRECT'.	Catalogue Item Notification	global	
488	lastChangeDateTime must be the greater than or equal to the previously sent value.	lastChangeDateTime for a trade item must be the same or later than previously sent value	Catalogue Item Notification	global	
493	There must be at most 1000 transactions per message.	There is a limit of 1000 Transactions within 1 Message	Catalogue Item Notification	global	
494	There must be at most 1 command per transaction.	There is a limit of 1 Command type within 1 Transaction	All GDSN Messages	global	
495	There must be at most 100 Documents per transaction.	There is a limit of 100 Documents within 1 Transaction	All GDSN Messages	global	
498	StandardBusinessDocumentHeader/HeaderVersion must equal current approved network version.	Header version in Standard Business Document Header is not the current version approved for the network. See documentation for expected value.	All GDSN Messages	global	
500	If preliminaryItemStatusCode does not equal 'PRELIMINARY' and if the Document Command is equal to 'CHANGE_BY_REFRESH' then TradeItemMeasurements/height must not be 20 percent greater than current version height.	If preliminaryItemStatusCode does not equal 'PRELIMINARY' and if the Document Command is equal to 'CHANGE_BY_REFRESH' then TradeItemMeasurements/height must not be 20 percent greater than current version height.	Catalogue Item Notification (Change by Refresh)	global	
501	If preliminaryItemStatusCode does not equal 'PRELIMINARY' and if the Document Command is equal to 'CHANGE_BY_REFRESH' then TradeItemMeasurements/width must not be 20 percent greater than current version width.	If preliminaryItemStatusCode does not equal 'PRELIMINARY' and if the Document Command is equal to 'CHANGE_BY_REFRESH' then TradeItemMeasurements/width must not be 20 percent greater than current version width.	Catalogue Item Notification (Change by Refresh)	global	
502	If preliminaryItemStatusCode does not equal 'PRELIMINARY' and if the Document Command is equal to 'CHANGE_BY_REFRESH' then TradeItemMeasurements/depth must not be 20 percent greater than current version depth.	If preliminaryItemStatusCode does not equal 'PRELIMINARY' and if the Document Command is equal to 'CHANGE_BY_REFRESH' then TradeItemMeasurements/depth must not be 20 percent greater than current version depth.	Catalogue Item Notification (Change by Refresh)	global	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
503	If preliminaryItemStatusCode does not equal 'PRELIMINARY' and if the Document Command is equal to 'CHANGE_BY_REFRESH' then TradeItemMeasurements/grossWeight must not be 20 percent greater than current version grossWeight.	If preliminaryItemStatusCode does not equal 'PRELIMINARY' and if the Document Command is equal to 'CHANGE_BY_REFRESH' then TradeItemMeasurements/grossWeight must not be 20 percent greater than current version grossWeight.	Catalogue Item Notification (Change by Refresh)	global	
504	There must be at most 25 iterations of Class GDSNTradeItemClassificationAttribute per Class GDSNTradeItemClassification.	Maximum number of iterations of GDSNTradeItemClassificationAttributeType is 25	Catalogue Item Notification	global	
506	If targetMarketCountryCode is equal to ('752' (Sweden) or '528' (Netherlands)) and packagingMaterialCompositionQuantity is not empty then related unitOfMeasureCode must equal 'KGM' or 'GRM'.	For TM '752' (Sweden) and '528' (Netherlands), packaging material composition quantity can only be entered in weight and the weight must be in the metric system (UOM)	Catalogue Item Notification	752 (Sweden), 528 (Netherlands)	
507	If packagingMaterialCompositionQuantity and packagingWeight are not empty then the sum of all instances of packagingMaterialCompositionQuantity for the trade item must be less than or equal to packagingWeight.	The total of values in packagingMaterialCompositionQuantity may not exceed the value in packagingWeight for the same item .	Catalogue Item Notification	global	
510	If isTradeItemNonPhysical does not equal 'TRUE' then there must be exactly one instance of TradeItemMeasurements/depth greater than 0.	For items that are physical, depth must be provided and value must be greater than zero (use an average for variable measure items)	Catalogue Item Notification	global	
511	If isTradeItemNonPhysical does not equal 'TRUE' then there must be exactly one instance of TradeItemMeasurements/height greater than 0.	For items that are physical, height must be provided and value must be greater than zero (use an average for variable measure items)	Catalogue Item Notification	global	
512	If isTradeItemNonPhysical does not equal 'TRUE' then there must be exactly one instance of TradeItemMeasurements/width greater than 0.	For items that are physical, width must be provided and value must be greater than zero (use an average for variable measure items)	Catalogue Item Notification	global	
515	If grossWeight is not empty then value must be greater than or equal to 0.	Zero or negative values are not allowed for Gross Weight	Catalogue Item Notification	global	
516	If netWeight is not empty then value must be greater than 0.	Zero or negative values are not allowed for Net Weight where Net Weight is Provided	Catalogue Item Notification	global	
517	If (Audio Visual Media Product Description Module or Publication Title Rating Module or Audio Visual Media Content Information Module) are not empty and gpcCategoryCode is equal to '10001137' then	If (Audio Visual Media Product Description Module or Publication Title Rating Module or Audio Visual Media Content Information Module) are not empty and gpcCategoryCode is equal to '10001137' then	Catalogue Item Notification	global	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
	audioVisualMediaProductTitle , genreTypeCodeReference , titleRatingCodeReference/Code, titleRatingCodeReference/codeListAgencyCode and gameFormatCode must not be empty.	audioVisualMediaProductTitle , genreTypeCodeReference , titleRatingCodeReference/Code, titleRatingCodeReference/codeListAgencyCode and gameFormatCode must not be empty.			
518	If targetMarketCountryCode is equal to ('036' (Australia) or '554' (New Zealand)) and PartyInRole/gln is not empty and PartyInRole/partyRoleCode is equal to 'PARTY_RECEIVING_PRIVATE_DATA' then communityVisibilityDateTime must be empty.	For targetMarketCountryCode is equal to ('036' (Australia) or '554' (New Zealand)) communityVisibilityDateTime cannot be populated if partyReceivingPrivateData (GLN) is populated.	Catalogue Item Notification	Target Market = 036 (Australia), 554(New Zealand)	
519	If targetMarketCountryCode is equal to '752' (Sweden) and layerHeight is not empty then value must equal child item width, depth or height.	If targetMarketCountryCode is equal to '752' (Sweden) layerHeight must have the same value as one of the values in width, depth or height of the child item.	Catalogue Item Notification	targetMarket= 752 (Sweden)	
520	If targetMarketCountryCode is equal to '752' (Sweden) and priceBasisQuantity is not empty then related unitOfMeasureCode must equal 'KGM', 'GRM', 'MTR','MLT', 'MMT', 'LTR', 'MTK', 'MTQ' or 'H87'.	If targetMarketCountryCode is equal to '752' (Sweden) priceBasisQuantity may be specified with the following units of measures: kilogram, gram , metre, millimetre, millilitre, litre, square metre, cubic metres,piece.	Catalogue Item Notification	targetMarket= 752 (Sweden)	
521	If targetMarketCountryCode is equal to '752' (Sweden) and isTradeltemOrderable is equal to 'true' and additionalTradeltemIdentificationTypeCode is equal to ('SUPPLIER_ASSIGNED' or 'DISTRIBUTOR_ASSIGNED') then associated additionalTradeltemIdentification must be unique within hierarchy.	If targetMarketCountryCode is equal to '752' (Sweden), additionalTradeltemIdentificationValue ('SUPPLIER_ASSIGNED', 'DISTRIBUTOR_ASSIGNED') may not have the same value on more than one Trade Item in the same item hierarchy. This rule applies when isTradeltemAnOrderableUnit is equal to 'true'.	Catalogue Item Notification	targetMarket= 752 (Sweden)	
523	If isTradeltemAConsumerUnit is equal to 'true' and dataCarrierTypeCode is equal to ('EAN_13', 'UPC_A' or 'UPC_E') then first digit of gtin must equal 0.	If isTradeltemAConsumerUnit is equal to 'true' and barCodeType is equal to 'EAN_13', 'UPC_A' or 'UPC_E' , then the first digit of the trade item's GTIN must be zero (0)	Catalogue Item Notification	global	
524	If targetMarketCountryCode is equal to ('036' (Australia), '554' (New Zealand), '752' (Sweden) , '348' (Hungary) , '528' (Netherlands), '124' (Canada) or '840' (US))and isTradeltemAConsumerUnit is equal to 'true' then netContent must not be empty.	If targetMarketCountryCode is equal to ('036' (Australia), '554' (New Zealand), '752' (Sweden) , '348' (Hungary) , '528' (Netherlands), '124' (Canada) or '840' (US))netContent must be populated when isTradeltemAConsumerUnit is equal to 'true'	Catalogue Item Notification	targetMarket=036 (Australia), 554 (New Zealand),752 (Sweden),348 (Hungary), 528	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
				(Netherlands),124 (Canada),=840 (United States)	
526	If orderingLeadTime is not empty, then value must be greater than 0.	If provided, Ordering Lead Time must be greater than zero	Catalogue Item Notification	global	
528	If targetMarketCountryCode is equal to '036' (Australia) and dutyFeeTaxTypeCode is equal to 'WET' then percentageOfAlcoholByVolume must not be empty.	If Target Market is '036' (Australia) and taxTypeCode is equal to 'WET' (Wine Equalisation Tax), then percentageOfAlcoholByVolume must be populated	Catalogue Item Notification	targetMarket=036 (Australia)	
529	If priceBasisQuantity is not empty then value must be greater than 0.	The Price (or Allowance) Basis Quantity must be greater than zero.	Catalogue Price Notification	global	
530	If targetMarketCountryCode is equal to '036' (Australia), '348' (Hungary) or '554' (New Zealand) and quantityOfTradeltemsPerPalletLayer is not empty then quantityOfLayersPerPallet must not be empty.	If targetMarketCountryCode is equal to ('036' (Australia), '554' (New Zealand) or '348' (Hungary) then QuantityOfTradeltemsPerPalletLayer and QuantityOfLayersPerPallet are conditionally required	Catalogue Item Notification	targetMarket=036 (Australia),554 (New Zealand),348 (Hungary)	
531	If targetMarketCountryCode is equal to '752' (Sweden) and isTradeltemAConsumerUnit is equal to 'true' then functionalName must not include value from brandName.	functionalName may not contain the same text as brandName. When validating, a space character should be added before and after brandName before searching for the same text in functionalName. This rule applies when isTradeltemAConsumerUnit is equal to 'true' and targetMarket is equal to '752' (Sweden)	Catalogue Item Notification	targetMarket=752 (Sweden)	
532	If targetMarketCountryCode is equal to '752' (Sweden) and isTradeltemAConsumerUnit is equal to 'true' then functionalName must not equal value from descriptiveSize.	functionalName may not contain the same text as descriptive size. When validating, a space character should be added before and after descriptive size before searching for the same text in functionalName. This rule applies when isTradeltemAConsumerUnit is equal to 'true' and targetMarket is equal to '752' (Sweden)	Catalogue Item Notification	targetMarket=752 (Sweden)	
533	If targetMarketCountryCode is equal to '528' (Netherlands) then dutyFeeTaxCategoryCode must not be empty.	If targetMarket is equal to '528' (Netherlands) then dutyFeeTaxCategoryCode is required but was not provided.	Catalogue Item Notification	targetMarket=Net herlands(528)	
534	If targetMarketCountryCode is equal to '036' (Australia) and communityVisibilityDateTime is not empty then PartyInRole must not have an iteration	If targetMarket is equal to '036' (Australia) then the partyReceivingPrivateData field cannot be populated when the communityVisibilityDate has	Catalogue Item Notification	targetMarket=036 (Australia)	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
	with partyRoleCode equal to 'PARTY_RECEIVING_PRIVATE_DATA'.	been populated.			
536	If minimumTradelItemLifespanFromTimeOfArrival is not empty then value must be greater than 0.	If populated, minimumTradelItemLifespanFromTimeOfArrival must be greater than zero.	Catalogue Item Notification	global	
537	If minimumTradelItemLifespanFromTimeOfProduction is not empty then value must be greater than 0.	If populated, minimumTradelItemLifespanFromTimeOfProduction must be greater than zero.	Catalogue Item Notification	global	
539	If grossWeight is not empty and netContent/measurement/unitOfMeasureCode is a weight then grossWeight must be greater than or equal to netContent.	Value in grossWeight must be greater than or equal to value in netContent if this is given as weight. Allowance must be made for different units of measure.	Catalogue Item Notification	global	
540	If parent item platformTypeCode is equal to '11', and the child platformTypeCode is equal to '10' then quantityOfNextLowerLevelTradelItem of the parent item must not be greater than 2.	Value in quantityOfNextLowerLevelTradelItem may not exceed 2 when the pallet type is any type of full size pallet and the child item's pallet type is any type of half size pallet. Full size pallets are: ISO 1 Pallet (code 11)	Catalogue Item Notification	global	
541	If the datatype of an attribute references a code list then only values in this list can be used.	For all attributes for which the Trade Item Standard and associated extensions identifies a code list, only the values in that code list are valid in the GDS network.	Catalogue Item Notification	global	
542	If code list agency for a code attribute represents GS1 then only valid GS1 managed code list can be used.	For all attributes for which the Trade Item Standard identifies a code list and the Agency is a code representing GS1, only the values in that code list are valid in the GDS network.	Catalogue Item Notification	global	
543	If individualUnitMinimumSize and/or individualUnitMaximumSize are not empty then isTradelItemABaseUnit must equal 'true'.	If individualUnitMinimum and/or individualUnitMaximum are populated, then isTradelItemABaseUnit must be 'true'	Catalogue Item Notification	global	
544	If isTradelItemABaseUnit is equal to 'false' then individualUnitMinimumSize and individualUnitMaximumSize must be empty.	If isTradelItemABaseUnit is equal to 'false', then individualUnitMinimum and/or individualUnitMaximum should never be populated.	Catalogue Item Notification	global	
549	If isTradelItemNonphysical is not equal to 'true' then grossWeight must not be empty.	Gross Weight must be included at all levels where isTradelItemNonphysical does not equal 'true'.	Catalogue Item Notification	global	
550	If specialItemCode does not equal 'DYNAMIC_ASSORTMENT' and grossWeight is not empty then grossWeight must be greater than .96	If specialItemCode does not equal DYNAMIC_ASSORTMENT, then the grossWeight of the GTIN MUST BE greater than 96% of the sum	Catalogue Item Notification	global	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
	multiplied by the $((\text{sum of Parent trade Item packagingWeight} + (\text{parent trade item quantityOfNextLowerLevelTradelItem})) \text{ multiplied by } (\text{Child GTIN Gross Weight}))$.	of that GTIN's packagingWeight plus the sum of the grossWeight of all next lower-level child items (whether or not packagingWeight is populated in the child items). The formula is: $[\text{Parent GTIN Gross Weight}] > 96\% * ((\text{sum of } [\text{Parent GTIN Packaging Weight}] + ([\text{Parent GTIN Qty of Next Lower Level}] * (\text{Child GTIN Gross Weight})))$ NOTE :This allowance of 4% in the sum, is due to some configurations where part of the packaging of child items is removed, such as in displays. NOTE Approval of this VR will mean that VR 97 is replaced by this rule.			
554	If tradeltemUnitDescriptorCode is equal to 'TRANSPORT_LOAD' and parent item exists then parent item tradeltemUnitDescriptorCode must equal 'TRANSPORT_LOAD'.	If tradeltemUnitDescriptorCode is 'TRANSPORT_LOAD', and the item has a parent, then the tradeltemUnitDescriptorCode of the parent item can only be 'TRANSPORT_LOAD'.	Catalogue Item Notification	global	
555	If tradeltemUnitDescriptorCode is equal to 'PALLET' and parent item exists then parent item tradeltemUnitDescriptorCode must equal 'TRANSPORT_LOAD' or 'PALLET'.	If tradeltemUnitDescriptorCode is 'PALLET', and the item has a parent, then the tradeltemUnitDescriptorCode of the parent item can only be 'TRANSPORT_LOAD' or 'PALLET'.	Catalogue Item Notification	global	
557	If tradeltemUnitDescriptorCode is equal to 'PALLET' then child item tradeltemUnitDescriptorCode must not equal 'TRANSPORT_LOAD'.	If tradeltemUnitDescriptor is 'PALLET', and the item has a children, then the tradeltemUnitDescriptorCode of the children can never be 'TRANSPORT_LOAD'.	Catalogue Item Notification	global	
558	If tradeltemUnitDescriptorCode is equal to 'CASE' then parent item tradeltemUnitDescriptorCode must not equal 'BASE_UNIT_OR_EACH' or 'PACK_OR_INNERPACK'.	If tradeltemUnitDescriptor is 'CASE', and the item has a parent, then the tradeltemUnitDescriptorCode of the parent item can never be 'BASE_UNIT_OR_EACH' or 'PACK_OR_INNERPACK'.	Catalogue Item Notification	global	
559	If tradeltemUnitDescriptorCode is equal to 'CASE' then child item tradeltemUnitDescriptorCode must not equal 'TRANSPORT_LOAD', 'MIXED_MODULE' or 'PALLET'.	f tradeltemUnitDescriptor is 'CASE' and the item has a children, then the tradeltemUnitDescriptorCode of the children can never be 'TRANSPORT_LOAD', 'MIXED_MODULE' or 'PALLET'.	Catalogue Item Notification	global	
560	If tradeltemUnitDescriptorCode is equal to 'PACK_OR_INNERPACK' then parent item tradeltemUnitDescriptorCode must not equal 'BASE_UNIT_OR_EACH'.	If tradeltemUnitDescriptor is 'PACK_OR_INNERPACK' and the item has a parent, then the tradeltemUnitDescriptorCode of the parent item can never be 'BASE_UNIT_OR_EACH'.	Catalogue Item Notification	global	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
561	If tradeltemUnitDescriptorCode is equal to 'PACK_OR_INNERPACK' then child item tradeltemUnitDescriptorCode must not equal 'TRANSPORT_LOAD', 'PALLET', 'MIXED_MODULE', 'DISPLAY_SHIPPER' or 'CASE'.	If tradeltemUnitDescriptor is 'PACK_OR_INNERPACK', and the item has (a) child(ren), then the tradeltemUnitDescriptorCode of the children can never be 'TRANSPORT_LOAD', 'PALLET', 'MIXED_MODULE', 'DISPLAY_SHIPPER' or 'CASE'.	Catalogue Item Notification	global	
565	If targetMarketCountryCode is equal to '752' (Sweden) and isTradeltemADespatchUnit is equal to 'true' then stackingFactor must not be empty.	stackingFactor is mandatory for Despatch Units in target market '752' (Sweden).	Catalogue Item Notification	TM=752 (Sweden)	
566	If targetMarketCountryCode is equal to '752' (Sweden) and functionalName is not empty then exactly one iteration of functionalName must have a languageCode equal to 'sv'.	If populated, one iteration has to be in Swedish for functionalName for TM '752' (Sweden).	Catalogue Item Notification	TM=752 (Sweden)	
567	If targetMarketCountryCode is equal to '752' (Sweden) and descriptiveSize is not empty then exactly one iteration of descriptiveSize must have a languageCode equal to 'sv'.	If populated, one iteration has to be in Swedish for descriptiveSize for TM '752' (Sweden).	Catalogue Item Notification	TM=752 (Sweden)	
568	If targetMarketCountryCode is equal to '752' (Sweden) and descriptionShort is not empty then exactly one iteration of descriptionShort must have a languageCode equal to 'sv'.	If populated, one iteration has to be in Swedish for descriptionShort for TM '752' (Sweden).	Catalogue Item Notification	TM=752 (Sweden)	
569	if uniformResourceIdentifier is not empty and referencedFileTypeCode is equal to 'PRODUCT_IMAGE' then fileFormatName must not be empty.	fileFormatName is mandatory if uniformResourceIdentifier is populated and typeOfInformation contains the value 'PRODUCT_IMAGE'.	Catalogue Item Notification	global	
570	if uniformResourceIdentifier is not empty and referencedFileTypeCode is equal to 'PRODUCT_IMAGE' then fileName must not be empty.	fileName is mandatory if uniformResourceIdentifier is populated and typeOf Information contains the value 'PRODUCT_IMAGE'.	Catalogue Item Notification	global	
571	If targetMarketCountryCode is equal to '752' (Sweden) and dutyFeeTaxAgencyCode is not empty then dutyFeeTaxAgencyCode must equal '9SE'.	The dutyFeeTaxAgencyCode must be '9SE' if target market is '752' (Sweden).	Catalogue Item Notification	TM=752 (Sweden)	
572	lastChangeDateTime must not be greater than current date.	lastChangeDateTime for a trade item may not be a date in the future.	Catalogue Item Notification	global	
575	If targetMarketCountryCode is equal to '528' (Netherlands) and isTradeltemAConsumerUnit is	For target market 528 (Netherlands,) if the GPC code of the product is different from any of the	Catalogue Item Notification	528 (Netherlands)	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
	equal to 'true' and gpcCategoryCode is not in GPC Segment '51000000' then Tradeltem/generalization/TradeltemIdentification/gtin must not be a GTIN-14.	codes under segment '51000000' (Healthcare) and isTradeltemAConsumerUnit equals 'true', then the GTIN of the product cannot be a GTIN-14			
576	If isNonGTINLogisticsUnitPackedIrregularly is equal to 'false' then quantityOfTradeltemsPerPallet must equal quantityOfLayersPerPallet multiplied by quantityOfTradeltemsPerPalletLayer.	If isNonGTINLogisticUnitPackedIrregularly is equal to 'false' then value in quantityOfTradeltemsPerPallet must be equal to value in quantityOfLayersPerPallet multiplied by value in quantityOfTradeltemsPerPalletLayer	Catalogue Item Notification	global	
583	If importClassificationTypeCode is not empty then importClassificationValue must not be empty.	importClassificationTypeCode and importClassificationValue are used in pairs. If one is populated the other is required.	Catalogue Item Notification	Global	
584	If importClassificationValue is not empty then importClassificationTypeCode must not be empty.	importClassificationTypeCode and importClassificationValue are used in pairs. If one is populated the other is required.	Catalogue Item Notification	Global	
586	If targetMarketCountryCode is equal to '840' (US) and growingMethodCode is equal to 'ORGANIC' then organicClaimAgencyCode and organicTradeltemCode must not be empty.	If targetMarket equals '840' (US) and growingMethodCode equals 'ORGANIC' then organicClaimAgency and organicTradeltemCode MUST not be empty.	Catalogue Item Notification	targetMarket = 840 (US)	
590	If targetMarketCountryCode is equal to '250' (France) then tradeltemDescription must not be empty.	The long description (tradeltemDescription) is mandatory for all business units for target market 250 (France).	Catalogue Item Notification	targetMarket=250 (France)	
594	If targetMarketCountryCode does not equal '036' (Australia) or '554' (New Zealand) and tradeltemUnitDescriptor is equal to 'PALLET' then platformTypeCode must not be empty.	If targetMarketCountryCode does not equal '036' (Australia) or '554' (New Zealand) it is mandatory to specify the pallet type (platformTypeCode) when tradeltemUnitDescriptor is equal to 'PALLET'.	Catalogue Item Notification	Global, Not (036 (Australia), 554 (New Zealand))	
597	If targetMarketCountryCode is equal to '250' (France) and isTradeltemAnInvoiceUnit is equal to 'true' and tradeltemTradeChannelCode is equal to 'GROCERY' then invoiceName must not be empty.	For target market '250' (France) and the tradeltemTradeChannelCode is equal to 'GROCERY', the invoice Name (invoiceName) is mandatory for all invoice unit (isTradeltemAnInvoiceUnit equals 'true').	Catalogue Item Notification	targetMarket=250 (France)	
598	If targetMarketCountryCode is equal to '250' (France) and tradeltemUnitDescriptor is equal to 'BASE_UNIT_OR_EACH' and tradeltemTradeChannelCode is equal to 'GROCERY' then placeOfProductActivity/countryOfOrigin must not	For target market '250' (France) and tradeltemTradeChannelCode is equal to 'GROCERY', the country of origin is required for all base units (tradeltemUnitDescriptor equals 'BASE_UNIT_OR_EACH').	Catalogue Item Notification	targetMarket=250 (France)	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
	be empty.				
603	If targetMarketCountryCode is equal to '250' (France) or '249' (France) and tradeItemTradeChannelCode is equal to 'GROCERY' then dutyFeeTaxAgencyCode must equal '65'.	When target market code equals '249' (France) or '250' (France) and tradeItemTradeChannelCode is equal to 'GROCERY' , the agency maintaining the list of taxes is GS1 France. (dutyFeeTaxAgencyCode = '65').	Catalogue Item Notification	targetMarket=249, 250 (France)	
606	If targetMarketCountryCode is equal to '250' (France) or '249' (France) and tradeItemTradeChannelCode is equal to 'GROCERY' then startAvailabilityDateTime must not be empty.	The start availability date (startAvailabilityDateTime) is mandatory when target market code equals '250'(France) or '249' (France) and tradeItemTradeChannelCode is equal to 'GROCERY' .	Catalogue Item Notification	targetMarket=249, 250 (France)	
613	If isTradeItemAConsumerUnit is not empty and equal to 'true' and freeQuantityOfProduct is not empty, then freeQuantityOfProduct must be less than or equal to netContent.	The free quantity (freeQuantityOfProduct) in a promotional offer should not exceed the Content net (netContent) of the consumer unit	Catalogue Item Notification	Global	
616	if drainedWeight and netWeight are not empty then drainedWeight must be less than or equal to netWeight.	If the net drained weight is populated (drainedWeight) the net weight must be less than or equal to its net weight (netWeight).	Catalogue Item Notification	Global	
617	If childTradeItem/generalization/tradeItemIdentification is not empty then quantityOfNextLowerLevelTradeItem must be greater than '0'.	If a trade item has a child trade item (childTradeItem.tradeItemIdentification), the amount associated with this child (childTradeItem.tradeItemIdentification) must be informed and be greater than 0.	Catalogue Item Notification	Global	
618	If targetMarketCountryCode is equal to '250' (France) and (gpcCategoryCode is in Class '50202200' and does not equal '10000142') and isTradeItemAconsumerUnit is equal to 'true' then at least one iteration of dutyFeeTaxTypeCode must equal ('3001000002008', '3001000002244', '3001000002312' or '3001000002329').	If target Market equals '250' (France), consumer units for alcoholic beverages (Cls '50202200' , except Brick '10000142') must have a dutyFeeTaxTypeCode equal to '3001000002008' (Rights on water and beer), '3001000002244' (Tax on cider), '3001000002312' (Rights of alcohol) or '3001000002329'.	Catalogue Item Notification	targetMarket = 250 (France)	
631	If targetMarketCountryCode is equal to '372' (Ireland) and if isTradeItemABaseUnit is equal to 'true' and ((gpcCategoryCode is in Class ('50202200' or '50211500') and does not equal ('10000142', '10000143', '10000303' or '10000584')) then at least one iteration of AdditionalTradeItemClassification	If targetMarketCountryCode is equal to '372' (Ireland) and if isTradeItemABaseUnit is equal to 'true' and ((gpcCategoryCode is in Class ('50202200' or '50211500') and does not equal ('10000142', '10000143', '10000303' or '10000584')) then at least one iteration of	Catalogue Item Notification	targetMarket = 372 (Ireland)	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
	must have a value with additionalTradelItemClassificationCodeListCode equal to '57'(REV).	AdditionalTradelItemClassification must have a value with additionalTradelItemClassificationCodeListCode equal to '57'(REV).			
632	If depositValueEffectiveDateTime is not empty then returnablePackageDepositIdentification or returnablePackageDepositAmount must not be empty.	IF depositValueEffectiveDate is populated then returnablePackageDepositIdentification or returnablePackageDepositAmount MUST be populated.	Catalogue Item Notification	Global	
633	If targetMarketCountryCode is not equal to '036' (Australia) or '554' (New Zealand) and productionVariantEffectiveDateTime is not empty then productionVariantDescription must not be empty.	If targetMarketCountryCode is not equal to '036' (Australia) or '554' (New Zealand) and productionVariantEffectiveDateTime is not empty then productionVariantDescription must not be empty.	Catalogue Item Notification	global, excluding Target Market = 036 (Australia), 554(New Zealand)	
635	discontinuedDateTime must not be greater than effectiveDateTime minus six months.	discontinuedDateTime can not be a date more than 6 months prior to effectiveDateTime.	Catalogue Item Notification	Global	
636	Replaced By Trade Item (referencedTradelItemTypeCode equals 'REPLACED_BY') must not equal TradelItem/tradelItemIdentification.	A trade item can not be replaced temporarily by itself ('REPLACED_BY')	Catalogue Item Notification	Global	
637	Substituted By Trade Item (referencedTradelItemTypeCode equals 'SUBSTITUTED_BY') must not equal TradelItem/tradelItemIdentification.	A trade item can not be substituted temporarily by itself ('SUBSTITUTED_BY')	Catalogue Item Notification	Global	
638	equivalentTradelItem (referencedTradelItemTypeCode equals 'EQUIVALENT') must not equal TradelItem/tradelItemIdentification.	A trade item can not be substituted temporarily by itself ('EQUIVALENT')	Catalogue Item Notification	Global	
639	Dependent Proprietary Trade Item (referencedTradelItemTypeCode equals 'DEPENDENT_PROPRIETARY') must not equal TradelItem/tradelItemIdentification.	Dependent Proprietary Trade Item ("DEPENDENT_PROPRIETARY") must not equal TradelItem/tradelItemIdentification.	Catalogue Item Notification	Global	
640	Item Variant Master (referencedTradelItemTypeCode equals 'ITEM_VARIANT_MASTER') must not equal TradelItem/tradelItemIdentification.	A trade item can not be the same as the item variant master ('ITEM_VARIANT_MASTER')	Catalogue Item Notification	Global	
641	Replaced Trade Item Identification (referencedTradelItemTypeCode equals 'REPLACED') must not equal TradelItem/tradelItemIdentification.	A trade item can not be replaced temporarily by itself ('REPLACED').	Catalogue Item Notification	Global	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
642	If isTradeltemAConsumerUnit is equal to 'true' and targetMarketCountryCode is equal to '840'(United States) then dataCarrierTypeCode must not be empty..	If the Trade Item is a consumer unit, and the target market country code is '840' (US), the type of bar code [dataCarrierTypeCode] is mandatory	Catalogue Item Notification	targetMarket = 840 (US)	
1000	There must be one instance of Tradeltem/informationProviderOfTradeltem/PartyInrol e/gln.	The trade item must have an information provider.	Catalogue Item Notification	Global	
1001	Tradeltem/informationProviderOfTradeltem/PartyInrol e/partyName must not be empty.	The name of the information provider must be populated.	Catalogue Item Notification	Global	
1004	startAvailabilityDateTime must not be empty.	The startAvailabilityDateTime must be populated for the trade item.	Catalogue Item Notification	Global	
1008	isTradeltemAConsumerUnit must not be empty.	isTradeltemAConsumerUnit must be populated for the trade item.	Catalogue Item Notification	Global	
1010	isTradeltemADespatchUnit must not be empty.	isTradeltemADespatchUnit must be populated for the trade item.	Catalogue Item Notification	Global	
1011	isTradeltemAnInvoiceUnit must not be empty.	isTradeltemAnInvoiceUnit must be populated for the trade item.	Catalogue Item Notification	Global	
1012	isTradeltemAnOrderableUnit must not be empty.	isTradeltemAnOrderableUnit must be populated for the trade item.	Catalogue Item Notification	Global	
1013	isTradeltemAVariableUnit must not be empty.	isTradeltemAVariableUnit must not be empty for the trade item.	Catalogue Item Notification	Global	
1017	if drainedWeight and grossWeight are not empty then drainedWeight must be less than or equal to grossWeight.	If the drained weight is populated (drainedWeight) it must be less than or equal to the gross weight (grossWeight).	Catalogue Item Notification	Global	616
1018	targetMarket for a child item cannot be more specific than for the parent. Example: If parent item targetmarketCountryCode is equal to '840' then child item cannot have a targetMarketSubdivisonCode.	targetMarket for a child item cannot be more specific than for the parent. Example: If parent item targetmarketCountryCode is equal to '840' then child item cannot have a targetMarketSubdivisonCode.	Catalogue Item Notification	Global	475
1020	If gpcCategoryCode is not empty then gtin must be empty.	Category code and gtin cannot be an input together.	Catalogue Item Subscription	Global	87
1022	If cancelledDateTime is not empty then discontinuedDateTime must be empty.	If cancelledDateTime is not empty then discontinuedDateTime must be empty.	Catalogue Item Notification	Global	64
1023	The receiving data pool must not fail valid extensions to an existing document.	The receiving data pool must not fail valid extensions to an existing document.	All Messages	Global	429
1024	GRAI must have a valid check digit.	GRAI check digit is not valid.	All Messages	Global	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
1025	If targetMarketCountryCode is equal to '752' (Sweden) and CompositeMaterialDetail/packagingMaterialTypeCode is not empty then packagingMaterialCompositionQuantity must not be empty.	If targetMarketCountryCode is equal to '752' (Sweden) then packagingMaterialTypeCode and packagingMaterialCompositionQuantity are used in pairs. I.e. if one is populated the other one must be populated, too.	Catalogue Item Notification	targetMarket= 752 (Sweden)	465
1026	If TradeItemMeasurements/height is not empty then unitOfMeasureCode must be from same measuring system across whole hierarchy.	The Unit of Measure used for the trade item height must be from same measuring system (e.g. metric) across whole hierarchy.	Catalogue Item Notification	Global	548
1027	If TradeItemMeasurements/width is not empty then unitOfMeasureCode must be from same measuring system across whole hierarchy.	The Unit of Measure used for the trade item width must be from same measuring system (e.g. metric) across whole hierarchy.	Catalogue Item Notification	Global	548
1028	If TradeItemMeasurements/depth is not empty then unitOfMeasureCode must be from same measuring system across whole hierarchy.	The Unit of Measure used for the trade item depth must be from same measuring system (e.g. metric) across whole hierarchy.	Catalogue Item Notification	Global	548
1029	If netWeight is not empty then unitOfMeasureCode must be from same measuring system across whole hierarchy.	The Unit of Measure used for the trade item netweight must be from same measuring system (e.g. metric) across whole hierarchy.	Catalogue Item Notification	Global	548
1030	If grossWeight is not empty then unitOfMeasureCode must be from same measuring system across whole hierarchy	The Unit of Measure used for the trade item grossWeight must be from same measuring system (e.g. metric) across whole hierarchy.	Catalogue Item Notification	Global	548
1031	If packagingWeight is not empty then unitOfMeasureCode must be from same measuring system across whole hierarchy.	The Unit of Measure used for the trade item packagingWeight must be from same measuring system (e.g. metric) across whole hierarchy.	Catalogue Item Notification	Global	548
1032	If drainedWeight is not empty then unitOfMeasureCode must be from same measuring system across whole hierarchy.	The Unit of Measure used for the trade item drainedWeight must be from same measuring system (e.g. metric) across whole hierarchy.	Catalogue Item Notification	Global	548
1034	If fatPercentageInDryMatter is not empty then value must be greater than or equal to 0 and less than or equal to 100.00.	If fatPercentageInDryMatter is not empty then value must be greater than or equal to 0 and less than or equal to 100.00.	Catalogue Item Notification	Global	428
1035	dataSource/gln must be in GDS Global Registry	The data source gln does not exist in the Global Registry.	Registry Catalogue Item	Global	36
1039	If additionalTradeItemIdentificationTypeCode is equal to 'GTIN_13' then associated additionalTradeItemIdentification value must have 13 digits and must have a valid check digit.	If additionalTradeItemIdentificationTypeCode equals 'GTIN_13' then associated additionalTradeItemIdentification value must have 13 digits and must have a valid check digit.	Catalogue Item Notification	Global	580

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
1040	If additionalTradeltemIdentificationTypeCode is equal to 'GTIN_8' then associated additionalTradeltemIdentification value must have 8 digits and must have a valid check digit.	If additionalTradeltemIdentificationTypeCode equals 'GTIN_8' then associated additionalTradeltemIdentification value must have 8 digits and must have a valid check digit.	Catalogue Item Notification	Global	580
1041	If additionalTradeltemIdentificationTypeCode is equal to 'GTIN_14' then associated additionalTradeltemIdentification value must have 14 digits and must have a valid check digit.	If additionalTradeltemIdentificationTypeCode equals 'GTIN_14' then associated additionalTradeltemIdentification value must have 14 digits and must have a valid check digit.	Catalogue Item Notification	Global	580
1042	If additionalTradeltemIdentificationTypeCode is equal to 'GTIN_12' then associated additionalTradeltemIdentification value must have 12 digits and must have a valid check digit.	If additionalTradeltemIdentificationTypeCode equals 'GTIN_12' then associated additionalTradeltemIdentification value must have 12 digits and must have a valid check digit.	Catalogue Item Notification	Global	580
1043	If nutrientTypeCode is not empty then dailyValueIntakePercent or quantityContained must not be empty.	If nutrientTypeCode is not empty then dailyValueIntakePercent or quantityContained must not be empty.	Catalogue Item Notification	Global	
1044	If ChildTradeltem/gtin is not empty then quantityOfChildren and totalQuantityOfNextLowerLevelTradeltem must not be empty.	If ChildTradeltem/gtin is not empty then quantityOfChildren and totalQuantityOfNextLowerLevelTradeltem must not be empty.	Catalogue Item Notification	Global	
1045	There must be at most one iteration of languageSpecificBrandName per languageCode.	There must be at most one iteration of languageSpecificBrandName per languageCode.	Catalogue Item Notification	Global	
1046	There must be at most one iteration of languageSpecificSubBrandName per languageCode.	There must be at most one iteration of languageSpecificSubBrandName per languageCode.	Catalogue Item Notification	Global	
1047	There must be at most one iteration of descriptionShort per languageCode.	There must be at most one iteration of descriptionShort per languageCode.	Catalogue Item Notification	Global	
1048	There must be at most one iteration of invoiceName per languageCode.	There must be at most one iteration of invoiceName per languageCode.	Catalogue Item Notification	Global	
1049	There must be at most one iteration of packagingMaterialCompositionQuantity per Unit Of Measurement.	There must be at most one iteration of packagingMaterialCompositionQuantity per Unit Of Measurement.	Catalogue Item Notification	Global	
1050	There must be at most one iteration of colorDescription per languageCode.	There must be at most one iteration of colorDescription per languageCode.	Catalogue Item Notification	Global	
1051	There must be at most one iteration of unitsPerTradeltem per measurementUnitCode.	There must be at most one iteration of unitsPerTradeltem per measurementUnitCode	Catalogue Item Notification	Global	
1052	There must be at most one iteration of	There must be at most one iteration of	Catalogue Item	Global	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
	priceComparisonMeasurement per measurementUnitCode.	priceComparisonMeasurement per measurementUnitCode	Notification		
1053	There must be at most one iteration of orderingLeadTime per measurementUnitCode.	There must be at most one iteration of orderingLeadTime per measurementUnitCode	Catalogue Item Notification	Global	
1054	There must be at most one iteration of totalScreenArea per measurementUnitCode.	There must be at most one iteration of totalScreenArea per measurementUnitCode	Catalogue Item Notification	Global	
1055	There must be at most one iteration of warrantyDescription per languageCode.	There must be at most one iteration of warrantyDescription per languageCode.	Catalogue Item Notification	Global	
1056	There must be at most one iteration of functionalName per languageCode.	There must be at most one iteration of functionalName per languageCode.	Catalogue Item Notification	Global	
1057	If Packagingmaterial/packagingMaterialTypeCode is not equal to ('COMPOSITE' or 'LAMINATED_CARTON' or 'OTHER' or 'PAPER_PAPERBOARD')then CompositeMaterialDetail class must be empty.	If Packagingmaterial/packagingMaterialTypeCode is not equal to ('COMPOSITE' or 'LAMINATED_CARTON' or 'OTHER' or 'PAPER_PAPERBOARD')then CompositeMaterialDetail class must be empty.	Catalogue Item Notification	Global	
1058	If any attribute of the TradeltemTemperatureInformation class other than temperatureTypeQualifierCode is not empty then temperatureTypeQualifierCode must not be empty.	Use of temperatureTypeQualifierCode is mandatory in case any other attribute of the TradeltemTemperatureInformation class is not empty.	Catalogue Item Notification	Global	
1060	If the TradeltemInformation class is repeated, the values of productionVariantDescription and productionVariantEffectiveDateTime must be different in all instances.	If the TradeltemInformation class is repeated, the values of productionVariantDescription and productionVariantEffectiveDateTime must be different in all instances.	Catalogue Item Notification	Global	
1061	The maximumlength of datatype StringAttributeValuePair is 5000 characters.	The maximum length of data type StringAttributeValuePair is 5000 characters.	Catalogue Item Notification	Global	
1062	If NonPackagedSizeDimension is not empty then either descriptiveSizeDimension or sizeDimension must not be empty.	If NonPackagedSizeDimension is not empty then either descriptiveSizeDimension or sizeDimension must not be empty.	Catalogue Item Notification	Global	
1063	brandName must not be empty.	The brandName must not be empty unless the context is 'Pharmaceuticals' or 'Medical Devices'	Catalogue Item Notification	Global	605
1065	functionalName must not be empty.	The functionalName must not be empty.	Catalogue Item Notification	GLOBAL	595
1066	If targetMarketCountryCode is equal to ('276' (Germany), '372' (Ireland)) then functionalName must not be empty.	If the target market is equal to '276' (Germany) or '372' (Ireland) then functionalName must always be populated for all contexts.	Catalogue Item Notification	TM = '276' (Germany), '372' (Ireland)	595
1067	There must be at most one iteration of	There must be at most one iteration of	Catalogue Item	Global	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
	ingredientStatement per languageCode	ingredientStatement per languageCode	Notification		
1068	There must be at most one iteration of ingredientName per languageCode	There must be at most one iteration of ingredientName per languageCode (per ingredient).	Catalogue Item Notification	Global	
1069	There must be at most one iteration of compulsoryAdditivesLabelInformation per languageCode.	There must be at most one iteration of compulsoryAdditivesLabelInformation per languageCode.	Catalogue Item Notification	Global	
1070	There must be at most one iteration of servingSuggestion per languageCode.	There must be at most one iteration of servingSuggestion per languageCode.	Catalogue Item Notification	Global	
1071	There must be at most one iteration of dailyValueIntakeReference per languageCode.	There must be at most one iteration of dailyValueIntakeReference per languageCode.	Catalogue Item Notification	Global	
1072	There must be at most one iteration of servingSizeDescription per languageCode.	There must be at most one iteration of servingSizeDescription per languageCode.	Catalogue Item Notification	Global	
1073	There must be at most one iteration of preparationConsumptionPrecautions per languageCode.	There must be at most one iteration of preparationConsumptionPrecautions per languageCode.	Catalogue Item Notification	Global	
1074	There must be at most one iteration of preparationInstructions per languageCode.	There must be at most one iteration of preparationInstructions per languageCode.	Catalogue Item Notification	Global	
1075	There must be at most one iteration of dietTypeDescription per languageCode	There must be at most one iteration of dietTypeDescription per languageCode	Catalogue Item Notification	Global	
1076	If maximumHumidityPercentage and/or minimumHumidityPercentage are not empty then humidityQualifierCode must not be empty.	If maximumHumidityPercentage and/or minimumHumidityPercentage are not empty then humidityQualifierCode must not be empty.	Catalogue Item Notification	Global	
1078	If TradeItem/brandOwner/PartyInRole/gln is not empty then PartyInRole/PartyRoleCode must be empty.	If TradeItem/brandOwner/PartyInRole/gln is not empty then PartyInRole/PartyRoleCode must be empty.	Catalogue Item Notification	Global	
1079	If TradeItem/informationProviderOfTradeItem/PartyInRole/gln is not empty then PartyInRole/PartyRoleCode must be empty.	If TradeItem/informationProviderOfTradeItem/PartyInRole/gln is not empty then PartyInRole/PartyRoleCode must be empty.	Catalogue Item Notification	Global	
1080	If TradeItem/manufactureOfTradeItem/PartyInRole/gln and/or TradeItem/manufactureOfTradeItem/PartyInRole/partyName is not empty then PartyInRole/PartyRoleCode must be empty.	If TradeItem/manufactureOfTradeItem/PartyInRole/gln and/or TradeItem/manufactureOfTradeItem/PartyInRole/partyName is not empty then PartyInRole/PartyRoleCode must be empty.	Catalogue Item Notification	Global	
1081	All iterations of TradeItemInformation after the first	All iterations of TradeItemInformation after the first	Catalogue Item	Global	1059

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
	must have a productionVariantDescription and productionVariantEffectiveDateTime.	must have a productionVariantDescription and productionVariantEffectiveDateTime	Notification		
1082	If cataloguePrice/TradeltemPrice/tradeltemPrice is not empty then tradeltemPriceTypeCode must be empty.	If cataloguePrice/TradeltemPrice/tradeltemPrice is not empty then tradeltemPriceTypeCode must be empty.	Catalogue Item Notification	Global	
1083	If TradeltemPriceInformation/+suggestedRetailPrice/TradeltemPrice/tradeltemPrice is not empty then tradeltemPriceTypeCode must be empty.	If TradeltemPriceInformation/+suggestedRetailPrice/TradeltemPrice/tradeltemPrice is not empty then tradeltemPriceTypeCode must be empty.	Catalogue Item Notification	Global	
1084	If targetMarketCountryCode is equal to '528' (Netherlands) and isPackagingMarkedReturnable is equal to 'True' then returnablePackageDepositCode must not be empty.	If targetMarketCountryCode is equal to '528' (Netherlands) and isPackagingMarkedReturnable is equal to 'True' then returnablePackageDepositCode must not be empty.	Catalogue Item Notification	targetMarket = 528 (Netherlands)	
1085	If preliminaryItemStatusCode does not equal 'PRELIMINARY' and if the Document Command is equal to 'CHANGE_BY_REFRESH' then TradeltemMeasurements/height must not be less than 80 percent of the current version height.	If preliminaryItemStatusCode does not equal 'PRELIMINARY' and if the Document Command is equal to 'CHANGE_BY_REFRESH' then TradeltemMeasurements/height must not be less than 80 percent of the current version height.	Catalogue Item Notification (Change by Refresh)	Global	
1086	If preliminaryItemStatusCode does not equal 'PRELIMINARY' and if the Document Command is equal to 'CHANGE_BY_REFRESH' then TradeltemMeasurements/width must not be less than 80 percent of the current version width.	If preliminaryItemStatusCode does not equal 'PRELIMINARY' and if the Document Command is equal to 'CHANGE_BY_REFRESH' then TradeltemMeasurements/width must not be less than 80 percent of the current version width.	Catalogue Item Notification (Change by Refresh)	Global	
1087	If preliminaryItemStatusCode does not equal 'PRELIMINARY' and if the Document Command is equal to 'CHANGE_BY_REFRESH' then TradeltemMeasurements/depth must not be less than 80 percent of the current version depth.	If preliminaryItemStatusCode does not equal 'PRELIMINARY' and if the Document Command is equal to 'CHANGE_BY_REFRESH' then TradeltemMeasurements/depth must not be less than 80 percent of the current version depth.	Catalogue Item Notification (Change by Refresh)	Global	
1088	If preliminaryItemStatusCode does not equal 'PRELIMINARY' and if the Document Command is equal to 'CHANGE_BY_REFRESH' then TradeltemMeasurements/grossWeight must not be less than 80 percent of the current version grossWeight.	If preliminaryItemStatusCode does not equal 'PRELIMINARY' and if the Document Command is equal to 'CHANGE_BY_REFRESH' then TradeltemMeasurements/grossWeight must not be less than 80 percent of the current version grossWeight.	Catalogue Item Notification (Change by Refresh)	Global	
1089	If xpath equals Tradeltem/PartyInRole and PartyInRole/gln, PartyInRole/partyName,	If xpath equals Tradeltem/PartyInRole and PartyInRole/gln, PartyInRole/partyName,	Catalogue Item Notification	Global	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
	PartyInRole/partyAddress or PartyInRole/additionalPartyIdentification are not empty then PartyInRole/partyRoleCode must not be empty.	PartyInRole/partyAddress or PartyInRole/additionalPartyIdentification are not empty then PartyInRole/partyRoleCode must not be empty.			
1090	If ProductYieldInformation/productYield is not empty then PreparationMethod/preparationTypeCode must not be empty.	If ProductYieldInformation/productYield is not empty then PreparationMethod/preparationTypeCode must not be empty.	Catalogue Item Notification	Global	
1091	If ProductYieldInformation/productYield is not empty then ProductYieldInformation/productYieldTypeCode must not be empty.	If ProductYieldInformation/productYield is not empty then ProductYieldInformation/productYieldTypeCode must not be empty.	Catalogue Item Notification	Global	
1166	If (PackagingDimension/packagingDepth or PackagingDimension/packagingWidth are not empty) and (platformTypeCode is empty or packagingTypeCode does not equal 'PALLET') then PackagingDimension/packagingHeight must not be empty.	If (PackagingDimension/packagingDepth or PackagingDimension/packagingWidth are not empty) and (platformTypeCode is empty or packagingTypeCode does not equal 'PALLET') then PackagingDimension/packagingHeight must not be empty.	Catalogue Item Notification	Global	
1167	If isTradeltemNonPhysical is not equal to 'true' then tradeltemUnitDescriptor must not be empty.	If isTradeltemNonPhysical is not equal to 'true' then tradeltemUnitDescriptor must not be empty.	Catalogue Item Notification	Global	
1168	There must be at most 1 iteration of referencedTradeltem/GTIN where referencedTradeltemTypeCode equals 'ITEM_VARIANT_MASTER'	There must be at most 1 iteration of referencedTradeltem/GTIN where referencedTradeltemTypeCode equals 'ITEM_VARIANT_MASTER'	Catalogue Item Notification	Global	
1170	There must be at most 1 iteration of referencedTradeltem/GTIN where referencedTradeltemTypeCode equals 'REPLACED'	There must be at most 1 iteration of referencedTradeltem/GTIN where referencedTradeltemTypeCode equals 'REPLACED'	Catalogue Item Notification	Global	
1171	There must be at most 1 iteration of referencedTradeltem/GTIN where referencedTradeltemTypeCode equals 'SUBSTITUTED'	There must be at most 1 iteration of referencedTradeltem/GTIN where referencedTradeltemTypeCode equals 'SUBSTITUTED'	Catalogue Item Notification	Global	
1172	There must be at most 1 iteration of referencedTradeltem/GTIN where referencedTradeltemTypeCode equals 'SUBSTITUTED_BY'	There must be at most 1 iteration of referencedTradeltem/GTIN where referencedTradeltemTypeCode equals 'SUBSTITUTED_BY'	Catalogue Item Notification	Global	
1173	There must be at most 1 iteration of	There must be at most 1 iteration of	Catalogue Item	Global	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
	referencedTradeltem/GTIN where referencedTradeltemTypeCode equals 'REPLACED_BY'	referencedTradeltem/GTIN where referencedTradeltemTypeCode equals 'REPLACED_BY'	Notification		
1176	There must be at most 1 iteration of referencedTradeltem/GTIN where referencedTradeltemTypeCode equals 'PREFERRED'	There must be at most 1 iteration of referencedTradeltem/GTIN where referencedTradeltemTypeCode equals 'PREFERRED'	Catalogue Item Notification	Global	
1177	If there is more than one iteration of ingredientSequence, then ingredientSequence and ingredientName must not be empty.	If there is more than one iteration of ingredientSequence, then ingredientSequence and ingredientName must not be empty.	Catalogue Item Notification	Global	
1178	There must be at most one iteration of accidentalReleaseMeasuresDescription per languageCode	There must be at most one iteration of accidentalReleaseMeasuresDescription per languageCode	Catalogue Item Notification	Global	
1179	There must be at most one iteration of additionalSDSInformation per languageCode	There must be at most one iteration of additionalSDSInformation per languageCode	Catalogue Item Notification	Global	
1180	There must be at most one iteration of additionalTradeltemDescription per languageCode	There must be at most one iteration of additionalTradeltemDescription per languageCode	Catalogue Item Notification	Global	
1181	There must be at most one iteration of allergenStatement per languageCode	There must be at most one iteration of allergenStatement per languageCode	Catalogue Item Notification	Global	
1182	There must be at most one iteration of allowanceChargeDescription per languageCode	There must be at most one iteration of allowanceChargeDescription per languageCode	Catalogue Item Notification	Global	
1184	There must be at most one iteration of chemicalPropertyAdditionalDescription per languageCode	There must be at most one iteration of chemicalPropertyAdditionalDescription per languageCode	Catalogue Item Notification	Global	
1185	There must be at most one iteration of clothingCut per languageCode	There must be at most one iteration of clothingCut per languageCode	Catalogue Item Notification	Global	
1186	There must be at most one iteration of discountDescription per languageCode	There must be at most one iteration of discountDescription per languageCode	Catalogue Item Notification	Global	
1187	There must be at most one iteration of displayScreenBezelSize per Unit Of Measure	There must be at most one iteration of displayScreenBezelSize per Unit Of Measure	Catalogue Item Notification	Global	
1188	There must be at most one iteration of displayScreenSize per Unit Of Measure	There must be at most one iteration of displayScreenSize per Unit Of Measure	Catalogue Item Notification	Global	
1189	There must be at most one iteration of distributionMediaTypeCode	There must be at most one iteration of distributionMediaTypeCode	Catalogue Item Notification	Global	
1190	There must be at most one iteration of ecologicalInformationDescription per languageCode	There must be at most one iteration of ecologicalInformationDescription per languageCode	Catalogue Item Notification	Global	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
1191	There must be at most one iteration of extinguishingMediaDescription per languageCode	There must be at most one iteration of extinguishingMediaDescription per languageCode	Catalogue Item Notification	Global	
1192	There must be at most one iteration of fireFighterProtectiveEquipmentDescription per languageCode	There must be at most one iteration of fireFighterProtectiveEquipmentDescription per languageCode	Catalogue Item Notification	Global	
1193	There must be at most one iteration of firstAidProceduresDescription per languageCode	There must be at most one iteration of firstAidProceduresDescription per languageCode	Catalogue Item Notification	Global	
1194	There must be at most one iteration of flammablePropertiesDescription per languageCode	There must be at most one iteration of flammablePropertiesDescription per languageCode	Catalogue Item Notification	Global	
1195	There must be at most one iteration of flashPointTemperature per Unit Of Measure	There must be at most one iteration of flashPointTemperature per Unit Of Measure	Catalogue Item Notification	Global	
1196	There must be at most one iteration of freeQuantityOfNextLowerLevelTradeltem per Unit Of Measure	There must be at most one iteration of freeQuantityOfNextLowerLevelTradeltem per Unit Of Measure	Catalogue Item Notification	Global	
1197	There must be at most one iteration of freeQuantityOfProduct per Unit Of Measure	There must be at most one iteration of freeQuantityOfProduct per Unit Of Measure	Catalogue Item Notification	Global	
1198	There must be at most one iteration of handlingInstructionsDescription per languageCode	There must be at most one iteration of handlingInstructionsDescription per languageCode	Catalogue Item Notification	Global	
1199	There must be at most one iteration of hazardousWasteDescription per languageCode	There must be at most one iteration of hazardousWasteDescription per languageCode	Catalogue Item Notification	Global	
1200	There must be at most one iteration of hazardStatementsDescription per languageCode	There must be at most one iteration of hazardStatementsDescription per languageCode	Catalogue Item Notification	Global	
1201	There must be at most one iteration of manufacturerTakeBackProgramFee per currencyCode	There must be at most one iteration of manufacturerTakeBackProgramFee per currencyCode	Catalogue Item Notification	Global	
1202	There must be at most one iteration of maximumOptimumConsumptionTemperature per Unit Of Measure	There must be at most one iteration of maximumOptimumConsumptionTemperature per Unit Of Measure	Catalogue Item Notification	Global	
1203	There must be at most one iteration of minimumFishMeatPoultryContent per Unit Of Measure	There must be at most one iteration of minimumFishMeatPoultryContent per Unit Of Measure	Catalogue Item Notification	Global	
1204	There must be at most one iteration of minimumOptimumConsumptionTemperature per Unit Of Measure	There must be at most one iteration of minimumOptimumConsumptionTemperature per Unit Of Measure	Catalogue Item Notification	Global	
1205	There must be at most one iteration of netContent per Unit Of Measure	There must be at most one iteration of netContent per Unit Of Measure	Catalogue Item Notification	Global	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
1206	There must be at most one iteration of noteToPhysician per languageCode	There must be at most one iteration of noteToPhysician per languageCode	Catalogue Item Notification	Global	
1207	There must be at most one iteration of orderSizingFactor per Unit Of Measure	There must be at most one iteration of orderSizingFactor per Unit Of Measure	Catalogue Item Notification	Global	
1208	There must be at most one iteration of packagingCompositeMaterialDescription per languageCode	There must be at most one iteration of packagingCompositeMaterialDescription per languageCode	Catalogue Item Notification	Global	
1209	There must be at most one iteration of packagingRefundObligationName	There must be at most one iteration of packagingRefundObligationName	Catalogue Item Notification	Global	
1210	There must be at most one iteration of packagingRefuseObligationName	There must be at most one iteration of packagingRefuseObligationName	Catalogue Item Notification	Global	
1212	There must be at most one iteration of physiochemicalCharacteristicValue per Unit Of Measure	There must be at most one iteration of physiochemicalCharacteristicValue per Unit Of Measure	Catalogue Item Notification	Global	
1213	There must be at most one iteration of precautionaryStatementsDescription per languageCode	There must be at most one iteration of precautionaryStatementsDescription per languageCode	Catalogue Item Notification	Global	
1214	There must be at most one iteration of prohibitedForTransportationReason per languageCode	There must be at most one iteration of prohibitedForTransportationReason per languageCode	Catalogue Item Notification	Global	
1215	There must be at most one iteration of protectiveEquipment per languageCode	There must be at most one iteration of protectiveEquipment per languageCode	Catalogue Item Notification	Global	
1216	There must be at most one iteration of protectiveEquipmentAdditionalDescription per languageCode	There must be at most one iteration of protectiveEquipmentAdditionalDescription per languageCode	Catalogue Item Notification	Global	
1217	There must be at most one iteration of publisherName	There must be at most one iteration of publisherName	Catalogue Item Notification	Global	
1218	There must be at most one iteration of quantityContained per Unit Of Measure	There must be at most one iteration of quantityContained per Unit Of Measure	Catalogue Item Notification	Global	
1219	There must be at most one iteration of regulatedChemicalDescription per languageCode	There must be at most one iteration of regulatedChemicalDescription per languageCode	Catalogue Item Notification	Global	
1220	There must be at most one iteration of restrictionDescription per languageCode	There must be at most one iteration of restrictionDescription per languageCode	Catalogue Item Notification	Global	
1221	There must be at most one iteration of returnableAssetCapacityContent per Unit Of Measure	There must be at most one iteration of returnableAssetCapacityContent per Unit Of Measure	Catalogue Item Notification	Global	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
1222	There must be at most one iteration of returnableAssetsContainedQuantity per Unit Of Measure	There must be at most one iteration of returnableAssetsContainedQuantity per Unit Of Measure	Catalogue Item Notification	Global	
1223	There must be at most one iteration of shippingRegulationException per languageCode	There must be at most one iteration of shippingRegulationException per languageCode	Catalogue Item Notification	Global	
1224	There must be at most one iteration of specialRequirementsDescription per languageCode	There must be at most one iteration of specialRequirementsDescription per languageCode	Catalogue Item Notification	Global	
1225	There must be at most one iteration of StorageCompatibilityDescription per languageCode	There must be at most one iteration of StorageCompatibilityDescription per languageCode	Catalogue Item Notification	Global	
1226	There must be at most one iteration of storageRequirementsDescription per languageCode	There must be at most one iteration of storageRequirementsDescription per languageCode	Catalogue Item Notification	Global	
1227	There must be at most one iteration of suggestedRetailPrice per currencyCode	There must be at most one iteration of suggestedRetailPrice per currencyCode	Catalogue Item Notification	Global	
1228	There must be at most one iteration of testCriteriaDescription per languageCode	There must be at most one iteration of testCriteriaDescription per languageCode	Catalogue Item Notification	Global	
1229	There must be at most one iteration of testSpeciesDescription per languageCode	There must be at most one iteration of testSpeciesDescription per languageCode	Catalogue Item Notification	Global	
1230	There must be at most one iteration of toxicologicalInformationDescription per languageCode	There must be at most one iteration of toxicologicalInformationDescription per languageCode	Catalogue Item Notification	Global	
1231	There must be at most one iteration of tradeItemDateOnPackagingFormatName	There must be at most one iteration of tradeItemDateOnPackagingFormatName	Catalogue Item Notification	Global	
1232	There must be at most one iteration of tradeItemGroupIdentificationCodeReference	There must be at most one iteration of tradeItemGroupIdentificationCodeReference	Catalogue Item Notification	Global	
1233	There must be at most one iteration of transportationModeRegulatoryAgency	There must be at most one iteration of transportationModeRegulatoryAgency	Catalogue Item Notification	Global	
1234	There must be at most one iteration of workingPressureRatingMaximum per Unit Of Measure	There must be at most one iteration of workingPressureRatingMaximum per Unit Of Measure	Catalogue Item Notification	Global	
1235	There must be at most one iteration of workingPressureRatingMinimum per Unit Of Measure	There must be at most one iteration of workingPressureRatingMinimum per Unit Of Measure	Catalogue Item Notification	Global	
1236	If nutritionalClaimNutrientElementCode is not empty then nutritionalClaimTypeCode must not be empty.	If nutritionalClaimNutrientElementCode is not empty then nutritionalClaimTypeCode must not be empty.	Catalogue Item Notification	Global	
1237	There must be at most one iteration	There must be at most one iteration	Catalogue Item	Global	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
	of acidificationMeasurementProtocolDescription per languageCode.	of acidificationMeasurementProtocolDescription per languageCode.	Notification		
1238	There must be at most one iteration of acidificationMeasurementReferenceSubstanceDescription per languageCode.	There must be at most one iteration of acidificationMeasurementReferenceSubstanceDescription per languageCode.	Catalogue Item Notification	Global	
1239	There must be at most one iteration of aquaticEutrophicationReferenceSubstanceDescription per languageCode.	There must be at most one iteration of aquaticEutrophicationReferenceSubstanceDescription per languageCode.	Catalogue Item Notification	Global	
1240	There must be at most one iteration of aquaticEutrophicationWaterBodyDescription per languageCode.	There must be at most one iteration of aquaticEutrophicationWaterBodyDescription per languageCode.	Catalogue Item Notification	Global	
1241	There must be at most one iteration of componentDescription per languageCode.	There must be at most one iteration of componentDescription per languageCode.	Catalogue Item Notification	Global	
1242	There must be at most one iteration of cumulativeEnergyDemandDescription per languageCode.	There must be at most one iteration of cumulativeEnergyDemandDescription per languageCode.	Catalogue Item Notification	Global	
1243	There must be at most one iteration of cumulativeEnergyDemandProtocolDescription per languageCode.	There must be at most one iteration of cumulativeEnergyDemandProtocolDescription per languageCode.	Catalogue Item Notification	Global	
1244	There must be at most one iteration of cumulativeEnergyDemandReferenceSubstanceDescription per languageCode.	There must be at most one iteration of cumulativeEnergyDemandReferenceSubstanceDescription per languageCode.	Catalogue Item Notification	Global	
1245	There must be at most one iteration of facilitiesInStressedWaterAreaCalculationMethod per languageCode.	There must be at most one iteration of facilitiesInStressedWaterAreaCalculationMethod per languageCode.	Catalogue Item Notification	Global	
1246	There must be at most one iteration of freshWaterEcotoxicityModelDescription per languageCode.	There must be at most one iteration of freshWaterEcotoxicityModelDescription per languageCode.	Catalogue Item Notification	Global	
1247	There must be at most one iteration of freshWaterEcotoxicityReferenceSubstanceDescription per languageCode.	There must be at most one iteration of freshWaterEcotoxicityReferenceSubstanceDescription per languageCode.	Catalogue Item Notification	Global	
1248	There must be at most one iteration of freezingMeltingPoint per Unit of Measure.	There must be at most one iteration of freezingMeltingPoint per Unit of Measure.	Catalogue Item Notification	Global	
1249	There must be at most one iteration of functionalBasisUnitDescription per languageCode.	There must be at most one iteration of functionalBasisUnitDescription per languageCode.	Catalogue Item Notification	Global	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
1250	There must be at most one iteration of globalWarmingPotentialEquivalentBasisYearsDescription per languageCode.	There must be at most one iteration of globalWarmingPotentialEquivalentBasisYearsDescription per languageCode.	Catalogue Item Notification	Global	
1251	There must be at most one iteration of globalWarmingPotentialEquivalentProtocolDescription per languageCode.	There must be at most one iteration of globalWarmingPotentialEquivalentProtocolDescription per languageCode.	Catalogue Item Notification	Global	
1253	There must be at most one iteration of globalWarmingPotentialEquivalentSubstanceDescription per languageCode.	There must be at most one iteration of globalWarmingPotentialEquivalentSubstanceDescription per languageCode.	Catalogue Item Notification	Global	
1254	There must be at most one iteration of massEquivalentProtocolDescription per languageCode.	There must be at most one iteration of massEquivalentProtocolDescription per languageCode.	Catalogue Item Notification	Global	
1255	There must be at most one iteration of massEquivalentSubstanceDescription per languageCode.	There must be at most one iteration of massEquivalentSubstanceDescription per languageCode.	Catalogue Item Notification	Global	
1256	There must be at most one iteration of packagingComponentDescription per languageCode.	There must be at most one iteration of packagingComponentDescription per languageCode.	Catalogue Item Notification	Global	
1257	There must be at most one iteration of packagingConstituent per languageCode.	There must be at most one iteration of packagingConstituent per languageCode.	Catalogue Item Notification	Global	
1258	There must be at most one iteration of packagingMaterialDescription per languageCode.	There must be at most one iteration of packagingMaterialDescription per languageCode.	Catalogue Item Notification	Global	
1259	There must be at most one iteration of packagingRecoveryRateDescription per languageCode.	There must be at most one iteration of packagingRecoveryRateDescription per languageCode.	Catalogue Item Notification	Global	
1260	There must be at most one iteration of packagingRecycledContentDescription per languageCode.	There must be at most one iteration of packagingRecycledContentDescription per languageCode.	Catalogue Item Notification	Global	
1261	There must be at most one iteration of packagingRenewableContentDescription per languageCode.	There must be at most one iteration of packagingRenewableContentDescription per languageCode.	Catalogue Item Notification	Global	
1262	There must be at most one iteration of packagingReusabilityStandardDescription per languageCode.	There must be at most one iteration of packagingReusabilityStandardDescription per languageCode.	Catalogue Item Notification	Global	
1263	There must be at most one iteration of packagingWeightReductionProtocolName per	There must be at most one iteration of packagingWeightReductionProtocolName per	Catalogue Item Notification	Global	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
	languageCode.	languageCode.			
1264	There must be at most one iteration of productCharacteristicValueAmount per currencyCode.	There must be at most one iteration of productCharacteristicValueAmount per currencyCode.	Catalogue Item Notification	Global	
1265	There must be at most one iteration of productCharacteristicValueDescription per languageCode.	There must be at most one iteration of productCharacteristicValueDescription per languageCode.	Catalogue Item Notification	Global	
1266	There must be at most one iteration of productCharacteristicValueMeasurement per Unit of Measure.	There must be at most one iteration of productCharacteristicValueMeasurement per Unit of Measure.	Catalogue Item Notification	Global	
1267	There must be at most one iteration of proofOfOptimizedPackagingWeightStandardDescription per languageCode.	There must be at most one iteration of proofOfOptimizedPackagingWeightStandardDescription per languageCode.	Catalogue Item Notification	Global	
1269	There must be at most one iteration of relevantSupportingSubstanceHazardousDocumentation per languageCode.	There must be at most one iteration of relevantSupportingSubstanceHazardousDocumentation per languageCode.	Catalogue Item Notification	Global	
1270	There must be at most one iteration of sourceCertificationSystemProtocolDescription per languageCode.	There must be at most one iteration of sourceCertificationSystemProtocolDescription per languageCode.	Catalogue Item Notification	Global	
1271	There must be at most one iteration of totalPackagingEconomicCostAmount per currencyCode.	There must be at most one iteration of totalPackagingEconomicCostAmount per currencyCode.	Catalogue Item Notification	Global	
1272	There must be at most one iteration of totalPackagingEconomicCostMeasurementDescription per languageCode.	There must be at most one iteration of totalPackagingEconomicCostMeasurementDescription per languageCode.	Catalogue Item Notification	Global	
1273	There must be at most one iteration of toxicityMeasurementProtocolDescription per languageCode.	There must be at most one iteration of toxicityMeasurementProtocolDescription per languageCode.	Catalogue Item Notification	Global	
1274	There must be at most one iteration of toxicityReferenceSubstanceDescription per languageCode.	There must be at most one iteration of toxicityReferenceSubstanceDescription per languageCode.	Catalogue Item Notification	Global	
1275	If any attribute in the FoodAndBeverageIngredient Class except for grapeVarietyCode is not empty, then ingredientName must not be empty.	If any attribute in the FoodAndBeverageIngredient Class except for grapeVarietyCode is not empty, then ingredientName must not be empty.	Catalogue Item Notification	Global	
1277	If tradeItemUnitDescriptorCode is equal to 'MIXED_MODULE' and parent item exists then parent	If tradeItemUnitDescriptorCode is equal to 'MIXED_MODULE' and parent item exists then	Catalogue Item Notification	global	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
	item tradeItemUnitDescriptorCode must equal 'TRANSPORT_LOAD', 'PALLET', or 'MIXED_MODULE'.	parent item tradeItemUnitDescriptorCode must equal 'TRANSPORT_LOAD', 'PALLET', or 'MIXED_MODULE'.			
1278	If tradeItemUnitDescriptorCode is equal to 'MIXED_MODULE' then child item tradeItemUnitDescriptorCode must not equal 'TRANSPORT_LOAD'.	If tradeItemUnitDescriptorCode is equal to 'MIXED_MODULE' then child item tradeItemUnitDescriptorCode must not equal 'TRANSPORT_LOAD'.	Catalogue Item Notification	global	
1279	If tradeItemUnitDescriptorCode is equal to 'DISPLAY_SHIPPER' then parent item tradeItemUnitDescriptorCode must not equal 'BASE_UNIT_OR_EACH' or 'PACK_OR_INNERPACK'.	If tradeItemUnitDescriptorCode is equal to 'DISPLAY_SHIPPER' then parent item tradeItemUnitDescriptorCode must not equal 'BASE_UNIT_OR_EACH' or 'PACK_OR_INNERPACK'.	Catalogue Item Notification	global	
1280	If tradeItemUnitDescriptorCode is equal to 'DISPLAY_SHIPPER' then child item tradeItemUnitDescriptorCode must not equal 'TRANSPORT_LOAD', 'MIXED_MODULE' or 'PALLET'.	If tradeItemUnitDescriptorCode is equal to 'DISPLAY_SHIPPER' then child item tradeItemUnitDescriptorCode must not equal 'TRANSPORT_LOAD', 'MIXED_MODULE' or 'PALLET'.	Catalogue Item Notification	global	
1281	The format of ingredientSequence must be 'dd.dd.dd...'. Where 'd' must be a digit, always ending in a 'dd' and never having a value of '00'.	The format of ingredientSequence must be 'dd.dd.dd...'. Where 'd' must be a digit, always ending in a 'dd' and never having a value of '00'.	Catalogue Item Notification	global	
1283	effectiveDateTime must not be empty	effectiveDateTime must not be empty	Catalogue Item Notification	global	
1284	There must be at most one iteration of maximumTemperature per value of temperatureQualifierCode	There must be at most one iteration of maximumTemperature per value of temperatureQualifierCode	Catalogue Item Notification	global	
1285	There must be at most one iteration of minimumTemperature per value of temperatureQualifierCode	There must be at most one iteration of minimumTemperature per value of temperatureQualifierCode	Catalogue Item Notification	global	
1286	There must be at most one iteration of minimumToleranceTemperature per value of temperatureQualifierCode	There must be at most one iteration of minimumToleranceTemperature per value of temperatureQualifierCode	Catalogue Item Notification	global	
1287	There must be at most one iteration of maximumToleranceTemperature per value of temperatureQualifierCode	There must be at most one iteration of maximumToleranceTemperature per value of temperatureQualifierCode	Catalogue Item Notification	global	
1288	If preliminaryItemStatusCode is equal to 'PRELIMINARY' or 'FINAL' then firstShipDateTime	If preliminaryItemStatusCode is equal to 'PRELIMINARY' or 'FINAL' then firstShipDateTime	Catalogue Item Notification	Global, Excluding (036 (Australia)),	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
	must not be empty.	must not be empty.		554 (New Zealand))	
1289	If firstShipDateTime is less than or equal to current date then preliminaryItemStatusCode must not equal 'PRELIMINARY'	If firstShipDateTime is less than or equal to current date then preliminaryItemStatusCode must not equal 'PRELIMINARY'	Catalogue Item Notification	Global, Excluding (036 (Australia), 554 (New Zealand))	
1290	If preliminaryItemStatusCode changes from 'PRELIMINARY' to 'FINAL' and Document Command is equal to CHANGE_BY_REFRESH, then the lastChangeDateTime must be less than or equal to the firstShipDateTime.	If preliminaryItemStatusCode changes from 'PRELIMINARY' to 'FINAL' and Document Command is equal to CHANGE_BY_REFRESH, then the changedate must be less than or equal to the firstShipDateTime.	Catalogue Item Notification	Global, Excluding (036 (Australia), 554 (New Zealand))	
1291	If preliminaryItemStatusCode is equal to 'PRELIMINARY' then parent trade item preliminaryItemStatusCode must not equal 'FINAL'.	If preliminaryItemStatusCode is equal to 'PRELIMINARY' then parent trade item preliminaryItemStatusCode must not equal 'FINAL'.	Catalogue Item Notification	global	
1292	If preliminaryItemStatusCode equals 'FINAL' or 'PRELIMINARY' then the preliminaryItemStatusCode for the GTIN in all published hierarchies with the same GTIN, GLN and Target Market combination must be the same.	If preliminaryItemStatusCode equals 'FINAL' or 'PRELIMINARY' then the preliminaryItemStatusCode for the GTIN in all published hierarchies with the same GTIN, GLN and Target Market combination must be the same.	Catalogue Item Notification	global	
1293	If PackagingInformation is not empty then packagingTypeCode or platformTypeCode must not be empty either.	If the PackagingInformation class is used, then either packagingTypeCode or platformTypeCode must not be empty either.	Catalogue Item Notification	Global	1237
1294	If gs1TradeItemIdentificationKeyCode is equal to 'GTIN_13' then associated gs1TradeItemIdentificationKeyValue value must have 13 digits and must have a valid check digit.	If gs1TradeItemIdentificationKeyCode is equal to 'GTIN_13' then associated gs1TradeItemIdentificationKeyValue value must have 13 digits and must have a valid check digit.	Catalogue Item Notification	Global	1238
1295	If gs1TradeItemIdentificationKeyCode is equal to 'GTIN_8' then associated gs1TradeItemIdentificationKeyValue value must have 8 digits and must have a valid check digit.	If gs1TradeItemIdentificationKeyCode is equal to 'GTIN_8' then associated gs1TradeItemIdentificationKeyValue value must have 8 digits and must have a valid check digit.	Catalogue Item Notification	Global	1239
1296	If gs1TradeItemIdentificationKeyCode is equal to 'GTIN_14' then associated gs1TradeItemIdentificationKeyValue value must have 14 digits and must have a valid check digit.	If gs1TradeItemIdentificationKeyCode is equal to 'GTIN_14' then associated gs1TradeItemIdentificationKeyValue value must have 14 digits and must have a valid check digit.	Catalogue Item Notification	Global	1240
1297	If gs1TradeItemIdentificationKeyCode is equal to 'GTIN_12' then associated	If gs1TradeItemIdentificationKeyCode is equal to 'GTIN_12' then associated	Catalogue Item Notification	Global	1241

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
	gs1TradeItemIdentificationKeyValue value must have 12 digits and must have a valid check digit.	gs1TradeItemIdentificationKeyValue value must have 12 digits and must have a valid check digit.			
1299	If the association brandowner/PartyInRole is invoked, then gln must not be empty	If the association brandowner/PartyInRole is invoked, then gln must not be empty	Catalogue Item Notification		1243
1300	If TargetMarket equals '124' (Canada) and PharmaceuticalItemInformation/PsychotropicSubstance/ExternalCodeValueInformation/externalAgencyName and/or PharmaceuticalItemInformation/PsychotropicSubstance/EnumerationValueInformation/enumerationValue are not empty, then doesSaleOfTradeItemRequireGovernmentalReporting must not be empty.	If TargetMarket equals '124' (Canada) and PharmaceuticalItemInformation/PsychotropicSubstance/ExternalCodeValueInformation/externalAgencyName and/or PharmaceuticalItemInformation/PsychotropicSubstance/EnumerationValueInformation/enumerationValue are not empty, then doesSaleOfTradeItemRequireGovernmentalReporting must not be empty.	Catalogue Item Notification	TM= '124' (Canada)	1244
1301	If fileEffectiveStartDateTime and fileEffectiveEndDateTime are not empty, then fileEffectiveEndDateTime must be greater than fileEffectiveStartDateTime	If fileEffectiveStartDateTime and fileEffectiveEndDateTime are not empty, then fileEffectiveEndDateTime must be greater than fileEffectiveStartDateTime	Catalogue Item Notification		1245
1305	If isIngredientGeneric is not empty, then ingredientStrength must not be empty.	If isIngredientGeneric is not empty, then ingredientStrength must not be empty.	Catalogue Item Notification		1249
1308	(if materialAgencyCode is not empty then materialCode must not be empty) and (if materialCode is not empty then materialAgencyCode must not be empty)	(if materialAgencyCode is not empty then materialCode must not be empty) and (if materialCode is not empty then materialAgencyCode must not be empty)	Catalogue Item Notification		1252
1309	if materialAgencyCode and materialCode are not empty then materialPercentage must not be empty	if materialAgencyCode and materialCode are not empty then materialPercentage must not be empty	Catalogue Item Notification		1253
1310	If packagingFunctioncode is equal to "TAMPER_EVIDENT" then "packagingTypeCode must not be empty.	If packagingFunctioncode is equal to "TAMPER_EVIDENT" then "packagingTypeCode must not be empty.	Catalogue Item Notification		1254
1312	If platformTermsAndConditionsCode is not empty then platformTypeCode must not be empty.	If platformTermsAndConditionsCode is not empty then platformTypeCode must not be empty.	Catalogue Item Notification		1256
1315	If priceComparisonContentType is not empty, then priceComparisonMeasurement must not be empty.	If priceComparisonContentType is not empty, then priceComparisonMeasurement must not be empty.	Catalogue Item Notification		1259
1316	If nonPromotionalTradeItem/tradeItemIdentification is not empty, the associated TradeItemIdentification must already be in the home data pool in order to ensure data integrity.	If nonPromotionalTradeItem/tradeItemIdentification is not empty, the associated TradeItemIdentification must already be in the home data pool in order to ensure data integrity.	Catalogue Item Notification		1260

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
1317	If PromotionalItemInformation/nonPromotionalTradeItem/tradeItemIdentification is not empty, then isTradeItemAConsumerUnit must equal "TRUE"	If PromotionalItemInformation/nonPromotionalTradeItem/tradeItemIdentification is not empty, then isTradeItemAConsumerUnit must equal "TRUE"	Catalogue Item Notification		1261
1320	If (freeQuantityOfNextLowerLevelTradeItem or freeQuantityOfProduct) is not empty, then isTradeItemAConsumerUnit must equal "TRUE"	If (freeQuantityOfNextLowerLevelTradeItem or freeQuantityOfProduct) is not empty, then isTradeItemAConsumerUnit must equal "TRUE"	Catalogue Item Notification		1264
1321	If promotionTypeCode is not empty, then isTradeItemAConsumerUnit must equal "TRUE"	If promotionTypeCode is not empty, then isTradeItemAConsumerUnit must equal "TRUE"	Catalogue Item Notification		1265
1323	The associated UoM of freeQuantityOfNextLowerLevelTradeItem must be one of the associated UoMs of netContent of the child trade item.	The associated UoM of freeQuantityOfNextLowerLevelTradeItem must be one of the associated UoMs of netContent of the child trade item.	Catalogue Item Notification		1267
1324	If stackingFactor is not empty, it must equal or be greater than '1'	If stackingFactor is not empty, it must equal or be greater than '1'	Catalogue Item Notification		1268
1333	If cancelDateTime is not empty then discontinuedDateTime must be empty.	The discontinuedDateTime and the cancelDateTime were both set for the same item or the CatalogueItem and TradeItem discontinuedDatesTime and cancelDateTime were not the same.	Registry Catalogue Item	global	
1334	There must be at most one iteration of dangerousGoodsTechnicalName per languageCode.	There must be at most one iteration of dangerousGoodsTechnicalName per languageCode.	Catalogue Item Notification	global	
1335	There must be at most one iteration of boilingPoint per measurementUnitCode.	There must be at most one iteration of boilingPoint per measurementUnitCode.	Catalogue Item Notification	global	
1336	There must be at most one iteration of filePrintHeight per measurementUnitCode.	There must be at most one iteration of filePrintHeight per measurementUnitCode.	Catalogue Item Notification	global	
1337	There must be at most one iteration of filePrintWidth per measurementUnitCode.	There must be at most one iteration of filePrintWidth per measurementUnitCode.	Catalogue Item Notification	global	
1381	If tradeItemLicenseTitle is not empty, then it shall not exceed one iteration per languageCode	There shall be at most one iteration of tradeItemLicenseTitle per LanguageCode	Catalogue Item Notification	global	
1382	If tradeItemMaterialDesignationDescription is not empty, then it shall not exceed one iteration per languageCode	There shall be at most one iteration of tradeItemMaterialDesignationDescription per LanguageCode	Catalogue Item Notification	global	
1383	If onixPartNumber is not empty, then it shall not exceed one iteration per languageCode	There shall be at most one iteration of onixPartNumber per LanguageCode	Catalogue Item Notification	global	

Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
1384	If educationalFocusDescription is not empty, then it shall not exceed one iteration per languageCode	There shall be at most one iteration of educationalFocusDescription per LanguageCode	Catalogue Item Notification	global	
1385	If connectorFinishDescription is not empty, then it shall not exceed one iteration per languageCode	There shall be at most one iteration of connectorFinishDescription per LanguageCode	Catalogue Item Notification	global	
1386	If dutyFeeTaxLegalProvision is not empty, then it shall not exceed one iteration per languageCode	There shall be at most one iteration of dutyFeeTaxLegalProvision per LanguageCode	Catalogue Item Notification	global	
1387	If recommendedUsageLocation is not empty, then it shall not exceed one iteration per languageCode	There shall be at most one iteration of recommendedUsageLocation per LanguageCode	Catalogue Item Notification	global	
1388	If experienceLevel is not empty, then it shall not exceed one iteration per languageCode	There shall be at most one iteration of experienceLevel per LanguageCode	Catalogue Item Notification	global	
1389	If sizeTermDescription is not empty, then it shall not exceed one iteration per languageCode	There shall be at most one iteration of sizeTermDescription per LanguageCode	Catalogue Item Notification	global	
1390	If closureOrFastenerLocation is not empty, then it shall not exceed one iteration per languageCode	There shall be at most one iteration of closureOrFastenerLocation per LanguageCode	Catalogue Item Notification	global	
1391	If feedLifeStage is not empty, then it shall not exceed one iteration per languageCode	There shall be at most one iteration of feedLifeStage per LanguageCode	Catalogue Item Notification	global	
1392	If maximumFeedingAmount is not empty, then it shall not exceed one iteration per measurementUnitCode	There shall be at most one iteration of maximumFeedingAmount per measurementUnitCode	Catalogue Item Notification	global	
1393	If minimumFeedingAmount is not empty, then it shall not exceed one iteration per measurementUnitCode	There shall be at most one iteration of minimumFeedingAmount per measurementUnitCode	Catalogue Item Notification	global	
1394	If recommendedFrequencyOfFeeding is not empty, then it shall not exceed one iteration per languageCode	There shall be at most one iteration of recommendedFrequencyOfFeeding per LanguageCode	Catalogue Item Notification	global	
1395	If maximumWeightOfAnimalBeingFed is not empty, then it shall not exceed one iteration per measurementUnitCode	There shall be at most one iteration of maximumWeightOfAnimalBeingFed per measurementUnitCode	Catalogue Item Notification	global	
1396	If minimumWeightOfAnimalBeingFed is not empty, then it shall not exceed one iteration per measurementUnitCode	There shall be at most one iteration of minimumWeightOfAnimalBeingFed per measurementUnitCode	Catalogue Item Notification	global	
1397	If feedingAmount is not empty, then it shall not exceed one iteration per measurementUnitCode	There shall be at most one iteration of feedingAmount per measurementUnitCode	Catalogue Item Notification	global	
1400	If animalNutrientQuantityContained is not empty, then it shall not exceed one iteration per measurementUnitCode	There shall be at most one iteration of animalNutrientQuantityContained per measurementUnitCode	Catalogue Item Notification	global	



Numeric Rule ID	Structured Rule	Error Message Description	Business Process (Message Name)	Target Market Scope	Original Rule ID.
1401	If animalNutrientQuantityContainedBasis is not empty, then it shall not exceed one iteration per measurementUnitCode	There shall be at most one iteration of animalNutrientQuantityContainedBasis per measurementUnitCode	Catalogue Item Notification	global	
1402	If maximumResolution is not empty, then it shall not exceed one iteration per measurementUnitCode	There shall be at most one iteration of maximumResolution per measurementUnitCode	Catalogue Item Notification	global	
1403	If itemMinimumDurability is not empty, then it shall not exceed one iteration per timeMeasurementUnitCode	There shall be at most one iteration of itemMinimumDurability per timeMeasurementUnitCode	Catalogue Item Notification	global	
1404	If dutyFeeTaxBasisPrice is not empty, then it shall not exceed one iteration per currencyCode	There shall be at most one iteration of dutyFeeTaxBasisPrice per currencyCode	Catalogue Item Notification	global	
1405	If feedingAmountBasisDescription is not empty, then it shall not exceed one iteration per languageCode	There shall be at most one iteration of feedingAmountBasisDescription per languageCode	Catalogue Item Notification	global	

5 Appendices

N/A

6 Summary of Changes

Change	BSD Version	Associated WR Number
Initial Draft The following Rules were deleted as part of this release: 16, 20,37,39,489,490,505, 546, 564	1.0.0	
The following changes have been made to the validation rules post community review: Added column original rule no. as reference. Modified the following validation rules:	1.1.0	

Rule ID	Comment	Reason for update
2	Updated error message	Comment Resolution MjR3 - #113
23	General Rule, can be handled by specific ones. - updated error descr from : "Please check the contents of XML that was sent. Missing element " + Changed status to deleted	Comment Resolution MjR3 - #1WS6, Peer Review EK 12 Jun 13
35	Removed due to new rule 474, changed status to DELETED	Peer Review EK 12 Jun 13
36	Split - Added attrib 2	Peer Review EK 12 Jun 13
42	Changed error message from "Data Source GLN cannot change"	Peer Review EK 12 Jun 13
44	Added quotes around code list value.	Comment Resolution MjR3 - #112
45	Added quotes around code list value.	Comment Resolution MjR3 - #112
74	Updated registrationDate to registrationDateTime	Comment Resolution MjR3 - #113
76	Updated registrationDate to registrationDateTime	Comment Resolution MjR3 - #113
82	Added class name to attrib 1	Peer Review EK 12 Jun 13
86	Added to rule: (at least one) iteration (of)	Peer Review EK 12 Jun 13
87	INVERSE Required, created rule 1084	Peer Review EK 12 Jun 2013
96	Added quotes around code list value in error description	Comment Resolution

Rule ID	Comment	Reason for update
		MjR3 - #112
98	Added attrib 4	Comment Resolution MjR3 - #113
104	Rule: replaced "StringAttributeValuePair/name is not in list Fast Track Attributes." + Replaced "then the defined format should not be empty" in rule	Comment Resolution MjR3 - #138, Peer Review EK 12 Jun 13
106	Split - Added quotes around code list value in error description	Comment Resolution MjR3 - #112
107	Added inverse rule 1022.	Peer Review EK 12 Jun 13
200	Changed attribute name in rule from isTradeItemAPhysicalItem	Comment Resolution Community Resolution MjR 3 - #121
202	Updated xpath for totalQuantityOfNextLowerLevelTradeItem	Comment Resolution Community Resolution MjR 3 - #113
204	rule: replaced "isTradeItemAPhysicalItem" + Error Description: put quotes around code values + replaced "=" + removed ", except for non-physical trade items, isTradeItemAService=true" from error desc as we are focusing on isTradeItemNonPhysical	Comment Resolution Community Resolution MjR 3 - #123, Peer Review EK 12 Jun 13
205	changed error desc from "priceComparisonContentType" + Changed class name from TradeItemSalesConditions	Comment Resolution Community Resolution MjR 3 - #113
325	Rule: added missing "GPC Brick" + error desc: added missing part "or '10000143') then percentageOfAlcoholByVolume must not be empty." + added quotes around code values. + Added missing TM 250 to error desc. + Made TM consistent + changed rule & error desc from "classificationCategoryCode"	Comment Resolution Community Resolution MjR 3 - #122, 1WS3,113
338	Replaced in rule "instance" and in error desc "occurrences" by "iteration(s)"	Peer Review EK 12 jun 13
339	Added in both rule & error desc: 'NA' to list of code values	Comment Resolution MjR3 - #126
345	Change to GS1- Added quotes around code list value in error description	Comment Resolution MjR3 - #112
346	Change to GS1- Added quotes around code list value in error description	Comment Resolution MjR3 - #112
348	Changed EAN.UCC in error description to GS1	MVE correction 27 May 13
351	Added quotes around code list value in error description	Comment Resolution MjR3 - #112
362	Rule updated from "If a minimum and corresponding maximum are not empty then the minimum must be less than the corresponding maximum." + Added to error desc: "AttributeException/attributeName" + Added full list of attributes in Attrib 4	Comment Resolution MjR3 - #1WS8, Peer Review EK 12 jun 13
363	Split - Changed rule from "one" to "one iteration of"	Peer Review EK 12 jun 13

Rule ID	Comment	Reason for update
392	Made attributes camelcase in rule, error desc + attributelist	Comment Resolution Community Resolution MjR 3 - #113
393	Changed all occurrences of priceSynchronization to priceSynchronisation	Comment Resolution Community Resolution MjR 3 - #113
395	Changed rule, error desc and attribute list from: "conditionTypeCode" + made error desc conform rules.	Comment Resolution Community Resolution MjR 3 - #113
398	Updated error desc from "Classification Category Code"	Comment Resolution Community Resolution MjR 3 - #113
401	Updated rule, error desc and attribute list from "conditionTypeCode". Updated error desc to be in line with the structured language.	Comment Resolution Community Resolution MjR 3 - #113
402	Error desc: replaced "populated"	Comment Resolution Community Resolution MjR 3 - #113
403	Updated rule, error desc and attribute list from "ItemPriceTypeSegmentIdentification", added in structured rule the correct attribute name: priceSynchronisationConditionIdentification	Comment Resolution Community Resolution MjR 3 - #113
407	Changed attrib 1 from targetCondition/EntityIdentification to highlight that it is an association	Comment Resolution Community Resolution MjR 3 - #113
408	Updated rule from "targetCondition" + Updated attrib 4 from targetCondition/EntityIdentification + Changed class name of attrib 2 from "PriceSynchrinsationCondition" + Removed "conditionEffectiveStartDate/" from Attrib1	Comment Resolution Community Resolution MjR 3 - #113 + Peer review EK 12 Jun 13
409	changed from priceDocumentTypeCode to priceDocumentType. Replaced targetCondition by PriceSynchronisationCondition	Comment Resolution Community Resolution MjR 3 - #113
410	changed reference to ItemPriceType/targetCondition, ItemPriceType/targetPriceType	Comment Resolution Community Resolution MjR 3 - #113
411	changed reference to ItemPriceType/targetCondition, ItemPriceType/conditionType	Comment Resolution Community Resolution MjR 3 - #113
412	Updated from Targetcondition class	Comment Resolution Community

Rule ID	Comment	Reason for update
		Resolution MjR3 - #113
413	Rule: replaced "Within a" by "for an"	Peer review EK 12 Jun 13
416	changed from targetPriceTypeCode	Comment resolution MjR3 - #113
417	Removed double negation "equal not equal" in rule	Comment resolution MjR3 - #113
424	Updated attribute name in rule from priceSynchronisationConfirmationStatusCode to priceSynchronisationConfirmationStatus	Comment resolution MjR3 - #113
426	Updated class in rule from PriceSynchronisationConfirmation to be the correct starting point for association.	Comment resolution MjR3 - #113
427	Updated class in rule to allow for use of correct association	Comment resolution MjR3 - #113
428	Split - Changed classname in attrib 1 from AlcoholicBeverageInformation to AlcoholContainment	Comment resolution MjR3 - #113
431	Put single quotes around code value in error description.	Comment resolution MjR3 - #112
432	Put single quotes around code value in error description. + changed attrib name in structured rule/attrib 1 from PriceSynchronisation/conditionTypeCode to PriceSynchronisationCondition/conditionType + Replaced in rule "instnce" by "iteration"	Comment resolution MjR3 - #112, 113, Peer review EK 12 Jun 13
434	Updated class to PriceSynchronisationCondition	Comment resolution MjR3 - #113
435	Put single quotes around code value in error description + capitalised code value in error description. + changed attrib name in attrib1 from PriceSynchronisationCondition/BracketQualifier/bracketOperatorCode to BracketQualifier/bracketOperator	Comment resolution MjR3 - #112, Comment resolution MjR3 - #113
436	Put single quotes around code value in error description + capitalised code value in error description. + changed attributename from bracketOperatorCode to bracketOperator	Comment resolution MjR3 - #112, Comment resolution MjR3 - #113
437	Put single quotes around code values in error description + Replaced "dangerousGoodsPackingGroup" in rule	Comment resolution MjR3 - #112 + Comment resolution MjR3 - #126
441	changed attrib name in structured rule and attrib 1 from priceSynchronisationConfirmationStatusCode to priceSynchronisationConfirmationStatus + attrib2 from PriceSynchronisationSegmentConfirmation/priceSynchronisationConditionIdentification to ConditionInformation	Comment resolution MjR3 - #113
442	Put single quotes around code values in error description	Comment resolution MjR3 - #112
443	Put single quotes around code values in error description + changed attribute name from priceSynchronisationConfirmationStatusCode	Comment resolution MjR3 - #112, 113
444	Put single quotes around code values in error description + changed	Comment

Rule ID	Comment	Reason for update
	name of Attrib 1 from priceSynchronisationConfirmationStatusCode	resolution MjR3 - #112,113
446	Added attrib 4	Comment resolution MjR3 - #113
447	Fixed truncated attrib 2	Comment resolution MjR3 - #113
448	Fixed truncated attrib 2	Comment resolution MjR3 - #113
449	Added /Command to Attrib 2	Peer review EK 12 Jun 13
450	changed class name from TradeItemSalesConditions + Added /Command to Attrib 2	Comment resolution MjR3 - #113, Peer review EK 12 Jun 13
451	changed classname from TradeItemBrandInformation + Added /Command to Attrib 2	Comment resolution MjR3 - #113, Peer review EK 12 Jun 13
452	Added /Command to Attrib 2	Peer review EK 12 Jun 13
453	Added /Command to Attrib 2	Peer review EK 12 Jun 13
456	Changed double quotes around code values to single ones + removed comma in rule (before ",then")	Comment resolution MjR3 - #112 + Peer review EK 12 Jun 13
457	Changed double quotes around code values to single ones	Comment resolution MjR3 - #112
458	Changed attribute names from priceTypeEffectiveEndDateContext and priceTypeEffectiveStartDateContext + removed attrib referring to date time	Comment resolution MjR3 - #113
459	Made TM usage consistent in error desc and rule + removed reference to SegemntType reference in attrib1	Comment resolution MjR3 - #1WS3, 113
460	Made TM usage consistent in error desc and rule	Comment resolution MjR3 - #1WS3
461	Changed null to empty in error description + Made TM usage consistent in error desc and rule + changed attribute name from targetMarketSubdivisionCode	Comment resolution MjR3 - #112, #1WS3, 113
462	Changed in rule: "must equal" to "must be equal to" + capitalised code values in error description + removed code from attribute name to be in sync with model	Comment resolution MjR3 - #112, 113
463	Made TM usage consistent in error desc and rule	Comment resolution MjR3 - #1WS3
464	Made TM usage consistent in error desc and rule+Updated Attrib 1 class + added attrib 2	Comment resolution MjR3 - #1WS3,113
465	Split + Made TM usage consistent in error desc and rule + Updated to correct class	Comment resolution MjR3 - #1WS3,113

Rule ID	Comment	Reason for update
468	Made TM usage consistent in error desc and rule	Comment resolution MjR3 - #112, 1WS3
469	Put quotes around TM in error description + Made TM usage consistent in error desc and rule	Comment resolution MjR3 - #112, Comment resolution MjR3 - #1WS3
471	Other rules determine that check digit is valid. Changed rule from "attribute must equal a valid"	Peer review EK 12 Jun 13
473	Replaced in rule: "by in quantityOfTradeItemsContainedInACompleteLayer." by "by value in quantityOfTradeItemsContainedInACompleteLayer." +added attrib 4	Comment resolution MjR3 - #112,113
475	Split -Added "and (targetMarketSubCountryCode if not empty) " to rule.	Comment resolution MjR3 - #1WS10
477	Put quotes around TM in error description + Made TM usage consistent in rule and error desc.+ added classname for flashpoint in rules as attribute exists multiple times.	Comment resolution MjR3 - #112, 1WS3,113
479	Made TM usage consistent in error desc and rule	Comment resolution MjR3 - #1WS3
480	Made TM usage consistent in error desc and rule	Comment resolution MjR3 - #1WS3
481	Made TM usage consistent in error desc and rule	Comment resolution MjR3 - #1WS3
485	Error description: replaced "= CORRECT" by "of 'CORRECT'", +changed attribute name from discontinueDateTime	Comment resolution MjR3 - #112,113
493	changed Attrib 1 from transactionIdentification to be in line with other references to same attribute	Comment resolution MjR3 - #113
495	changed Attrib 1 from TransactionIdentification to be in line with other references to same attribute	Comment resolution MjR3 - #113
500	Changed attrib 2 from TradeItemDimensions/dimensionTypeCode = IN_PACKAGE	Comment resolution MjR3 - #113
501	Changed attrib 2 from TradeItemDimensions/dimensionTypeCode = IN_PACKAGE	Comment resolution MjR3 - #113
502	Changed attrib 2 from TradeItemDimensions/dimensionTypeCode = IN_PACKAGE	Comment resolution Community Review MjR3 - #113
504	Changed rule from "at most 25 instances of", changed error desc: "occurrences"	Peer Review EK 12 Jun 13
506	Made TM usage consistent in error desc and rule. Checked with Netherlands and added TM 528 in rule and TM scope to be consistent with error msg.	MVE 27 May 2013, Comment resolution MjR3 - #1WS3, 113
508	Added "For TM '528' (Netherlands) " to error description. + rule, changed quotes to say: '2600 MMT' + Made TM usage consistent in error desc and rule + Changed attribute name in rule from tradeItemUnitDescriptor+ changed attrib 2 from TradeItemDimensions/DimensionTypeCode = IN_PACKAGE	MVE 27 May 2013, Comment resolution MjR3 - #1WS3,113

Rule ID	Comment	Reason for update
509	Added "For TM '528' (Netherlands) " to error description. + rule, changed quotes to say: '2600 MMT'+ Made TM usage consistent in error desc and rule+changed attrb 2 from TradeItemDimensions/DimensionTypeCode = IN_PACKAGE	MVE 27 May 2013, Comment resolution MjR3 - #1WS3,113
510	Rule: changed from "isTradeItemAPhysicalItem does not equal"+ changed attrb 2 from TradeItemDimensions/DimensionTypeCode = IN_PACKAGE	Comment Resolution MjR3 - #123,113
511	Rule: changed from "isTradeItemAPhysicalItem does not equal"+ changed attrb 2 from TradeItemDimensions/DimensionTypeCode = IN_PACKAGE + added attrb 3	Comment Resolution MjR3 - #123,113
512	Rule: changed from "isTradeItemAPhysicalItem does not equal"+ changed attrb 2 from TradeItemDimensions/DimensionTypeCode = IN_PACKAGE + added attrb 3	Comment Resolution MjR3 - #123,113
517	rewrite - Changed error description from "= 10001137" to "is equal to '10001137'" + changed attribute names from genreTypeCode titleRatingCode + titleRatingEntity + changed both rule and error msg from "titleRatingCodeReference, Code/codeListAgencyCode" + changed attrb 4 accordingly.	MVE 27 May 2013 + Comment Resolution MjR3 - #113 + Peer Review EK 12 jun 13
518	Changed in rule from "PartyInRole/PartyRole = 'PARTY_RECEIVING_PRIVATE_DATA' " to PartyInRole/PartyRole is equal to 'PARTY_RECEIVING_PRIVATE_DATA', + Made TM usage consistent in error desc and rule	MVE 27 May 2013, MVE 27 May 2013, Comment resolution MjR3 - #1WS3,113
519	Made TM usage consistent in error desc and rule + changed attrb 2 from DimensionTypeCode = IN_PACKAGE	MVE 27 May 2013, Comment resolution MjR3 - #1WS3,113
520	error msg: changed from "cubic miece" to "cubic metres,piece" + Made TM usag consistent in error desc and rule + changed attrb name from tradeItemPriceBasisQuantity	MVE 27 May 2013, Comment resolution MjR3 - #1WS3,113
521	Changed rule: "additionTradeItemIdentification" to "additionalTradeItemIdentification" + changed error description from "sTradeItemAnOrderableUnit = true" (sic) to "isTradeItemAnOrderableUnit is equal to 'true'"+	Comment resolution MjR3 - #112, MVE 27 May 2013, Comment resolution MjR3 - #1WS3
523	Changed error description from "EAN_UCC_13_SYMBOL or UPC_A_SYMBOL or UPC_E_SYMBOL " to	Comment resolution MjR3 - #112
524	Both rule and error description, put quotes around "true". + Made TM usage consistent in error desc and rule	Comment resolution MjR3 - #112, Comment resolution MjR3 - #1WS3
525	Error description: changed "Target Market is Australia" to "Target Market is '036' (Australia)" + Made TM usage consistent in error desc and rule+ changed attrb name from tradeItemGroupIdentificationCode/Description	Comment resolution MjR3 - #112, 1WS3,113
526	Updated class from DeliveryPurchasingInformation	Comment resolution MjR3 - #113
528	Error description changed from "If taxTypeCode = WET " to "If Target	Comment

Rule ID	Comment	Reason for update
	Market is '036' (Australia) and taxTypeCode is equal to 'WET', then " + Made use of TM consistent	resolution MjR3 - #112, #1WS3, 113, peer review EK 12 jun 13
530	Added "If targetMarketCountryCode is equal to ('036' (Australia), '348' (New Zealand) or '554' (Hungary))" to Error Description + Made use of TM consistent	Comment resolution MjR3 - #112, Comment resolution MjR3 - #1WS3
531	Changed error description: from "isTradeItemAConsumerUnit=true and the ta" to "isTradeItemAConsumerUnit is equal to 'true' and the targetMarket is equal to '752' (Sweden)" + Made use of TM consistent+ Added attrib 3 + changed attrib 2 class name from TradeItemBrandInformation	Comment resolution MjR3 - #112, 1WS3,113
532	Changed error description: from "isTradeItemAConsumerUnit=true and the ta" to "isTradeItemAConsumerUnit is equal to 'true' and the targetMarket is equal to '752' (Sweden)" + Made use of TM consistent	Comment resolution MjR3 - #112, Comment resolution MjR3 - #1WS3
533	Changed error description : added "If targetMarket is equal to '528' (Netherlands) then" + Made use of TM consistent	Comment resolution MjR3 - #112, Comment resolution MjR3 - #1WS3
534	Added TM to error description + Made use of TM consistent+ changed attrib 3 from PartyRole = PARTY_RECEIVING_PRIVATE_DATA	Comment resolution MjR3 - #112, 1WS3, 113
535	Added to error description: If targetMarket is equal to '036' (Australia) then the + Made use of TM consistent+ changed attrib 3 from PartyRole = PARTY_RECEIVING_PRIVATE_DATA	Comment resolution MjR3 - #112, #1WS3,113
539	Added "measurement" to xpath of netContent in both rule and Attrib 2	Peer review EK 12 Jun 13
540	Put quotes around code values in rule: ('30', '36' or '10')+Added classname to rule as attribute exists in 2 classes + Removed classname from xpath in rule ("PlatformInformation")	Comment resolution MjR3 - #112,113, Peer Review EK 12 jun 13
543	Changed error description from "TRUE" to "'true'" + added attrib 3	Comment resolution MjR3 - #112,113
544	Changed error description from "is FALSE" to "is equal to 'false'" + added attrib 3, + changed attribute name from TradeItemABaseUnit	Comment resolution MjR3 - #112,113
549	Changed error description from "true" to "'true'" + Changed rule from "does not equal 'true' "	Comment resolution MjR3 - #112, Peer review EK 12 jun 13
550	Added missing piece from error description+ Added attrib 4 + fixed brackets in rule and error desc.	MVE 27 May 2013 + Comment resolution MjR3 - #113, Peer Review EK 12 Jun 13
554	Replaced double quotes by single quotes around code values in error	Comment

Rule ID	Comment	Reason for update
	description + Changed name of parent from tradeItemUnitDescriptor + Added to rule "'TRANSPORT_LOAD' and parent item exists "	resolution MjR3 - #112,113, Peer Review EK 12 jun 13
555	Replaced double quotes by single quotes around code values in error description+ Changed name of parent from tradeItemUnitDescriptor+ Added to rule "'and parent item exists "	Comment resolution MjR3 - #112,113, Peer Review EK 12 jun 13
557	Put single quotes around code values in error description+ Changed name of parent from tradeItemUnitDescriptor	Comment resolution MjR3 - #112,113
558	Put single quotes around code values in error description+ Changed name of parent from tradeItemUnitDescriptor	Comment resolution MjR3 - #112,113
559	Put single quotes around code values in error description+ Changed name of parent from tradeItemUnitDescriptor	Comment resolution MjR3 - #112,113
560	Changed name of parent from tradeItemUnitDescriptor	Comment resolution MjR3 - #112,113
561	Put single quotes around code values in error description + capitalised code values + changed 'PACK' to 'PACK_OR_INNERPACK' in error description+ Changed name of parent from tradeItemUnitDescriptor	Comment resolution MjR3 - #112,113
563	Changed from returnablePackageDepositCode + DELETED rule as it was rejected by the group.	Comment resolution MjR3 - #113, Peer Review EK 12 Jun 13
565	changed 'True' to 'true' + made TM usage consistent	MVE - 27 May 13, Comment resolution MjR3 - #1WS3
566	made TM usage consistent+ added attrib 2 + Replaced "instance" in rule and error desc by "iteration"	Comment resolution MjR3 - #1WS3,113, Peer Review EK 12 jun 13
567	made TM usage consistent+ Replaced "instance" in rule and error desc by "iteration"	Comment resolution MjR3 - #1WS3, Peer Review EK 12 jun 13
568	made TM usage consistent+ Replaced "instance" in rule and error desc by "iteration"	Comment resolution MjR3 - #1WS3, Peer Review EK 12 jun 13
569	Put single quotes around code values in error description	Comment resolution MjR3 - #112
570	Put single quotes around code values in error description	Comment resolution MjR3 - #112
571	Replaced "taxAgencyCode" in both Rule and error desc. + Made TM usage consistent + replaced in both rule and error desc "dutyTaxFeeAgencyCode"	Comment resolution MjR3 -

Rule ID	Comment	Reason for update
		#1WS16, 1WS3, Peer Review EK 12 jun 13
575	Put single quotes around code values in error description + Made TM usage consistent	Comment resolution Mjr3 - #112, Comment resolution Mjr3 - #1WS3
576	Changed 'False' to 'false' in rule. Changed error description from ="False" to is equal to 'false'+ changed in rule name of attrib from isNonGTINLogisticUnitPackedIrregularly	Comment resolution Mjr3 - #112,113
578	Changed rule from: "is equal to 'True'" + put single quotes arounds code values in error description + Made usage of TM consistent + added attribs 2 and 3 + changed name of attribute from tradeItemUnitDescriptor	Comment resolution Mjr3 - #112, #1WS3, 113
579	Put single quotes around code values in error description + Replaced "instance" by "iteration" in both rule and error msg. Changed attribute name to the correct one all over in this rule from "TradeItem/AdditionalTradeItemIdentification/additionalTradeItemIdentificationTypeCode"	Comment resolution Mjr3 - #112, Peer Review EK 12 Jun 13
583	11-000140, changed attribute name from importClassificationType	Comment resolution Mjr3 - #113
584	11-000140, changed attribute name from importClassificationType	Comment resolution Mjr3 - #113
585	Error desc was missing, added rule in as error desc.	MVE 27 May 2013
586	Error desc: added missing "If targetMarket equals '840' and" + added quotes around 'ORGANIC' + changed populated to empty + Made use of TM consistent + changed xpath of attrib 1 from "FoodAndBeverageIngredient"	Comment resolution Mjr3 - #112, 1WS3, Peer review EK 12 jun 13
587	Error desc: added missing ")" at the end. + Changed status to DELETED as this rule is in duplication with rule 339	Comment resolution Mjr3 - #112, Peer Review EK 12 Jun 13
590	First reading; CR11-246(3) - was ok in db + Made usage of TM consistent	Comment resolution Mjr3 - #1WS20, Comment resolution Mjr3 - #1WS3
594	First reading; CR11-246(7) - changed error description: added quotes around 'PALLET' + Made use of TM consistent	MVE 27 May 2013, Comment resolution Mjr3 - #1WS3
597	First reading; CR11-246 - error desc: put quotes around 250 + Added "tradeItemTradeChannelCode is equal to 'GROCERY' " to both rule and error desc + Made use of TM consistent + added attrib 3	Comment resolution Mjr3 - #112, 242, 1WS3, 113
598	First reading; CR11-246, error desc: put quotes around 250 + changed "=BASE_UNIT_OR_EACH" + Added "tradeItemTradeChannelCode is equal to 'GROCERY' " to both rule and error desc+ Made use of TM consistent	Comment resolution Mjr3 - #112, Comment resolution Mjr3 - #242, Comment

Rule ID	Comment	Reason for update
		resolution MjR3 - #1WS3
603	First reading; CR11-246 + changed error desc: put quotes around code values + changed "=" to "equals" + Added "tradeItemTradeChannelCode is equal to 'GROCERY' " to both rule and error desc + Made TM use consistent + Changed from taxAgencyCode	Comment resolution MjR3 - #112, #242, #1WS3, 113
605	Replaced by 2 new validation rules 1063 and 1064	Comment resolution MjR3 - #242
606	First reading; CR11-246 + Error desc: put quotes around code values. + Added "tradeItemTradeChannelCode is equal to 'GROCERY' " to both rule and error desc + Made TM use consistent	Comment resolution MjR3 - #112, Comment resolution MjR3 - #242, Comment resolution MjR3 - #1WS3
613	First reading; CR11-246 + Added: is not empty and to rule.	Comment resolution MjR 3 - #114
617	First reading; CR11-246 + updated xpath from ChildItem to ChildTradeItem	Comment resolution MjR3 - #113
618	First reading; CR11-246 + Changed error desc from TM = 250 + put quotes around code values.+Made use of TM consistent + added to rule: one iteration of dutyFeeTaxTypeCode	Comment resolution MjR3 - #112, 1WS3, Peer review EK 12 jun 13
631	Missing error desc: added rule as error desc.+ Made use of TM consistent + replaced instance by iteration in both rule and error msg	MVE 27 May 2013, Comment resolution MjR3 - #1WS3, Peer review EK 12 jun 13
632	changed from IF depositValueEffectiveDate is populated then returnablePackageDepositCode or returnablePackageDepositAmount MUST be populated. + removed attribute " ReturnableAsset/grai" from attribute list as the rule doesn't use it. + Moved attributes 3 and 4 one up.	Comment resolution MjR3 - #113, Peer review EK 12 jun 13
633	In rule updated attribute name from productionVariantEffectiveDate	Comment resolution MjR3 - #113
634	Made use of TM consistent. + added Attrib 4 + changed returnablePackageDepositCode to Identification	Comment resolution MjR3 - #1WS3,113
635	Updated rule + error desc from "effectiveDate"	Comment resolution MjR3 - #1WS17
638	Changed rule: from "referencedTradeItemTypeCode/EQUIVILANT" + Made code value clearer in structured rule.	MVE 27 MAY 2013, Comment resolution MjR3 - #113
639	Made code value clearer in structured rule.	Comment resolution MjR3 - #113
1000	changed rule + fixed attrib 2 to show code value (see rule 1001), added glN to xpath in rule.	Comment Resolution MjR3 - #113, Peer review EK 12 jun 13
100	Fixed typo in Attrib 1 from TradeItem/PartInRole/name, changed rule	Comment

Rule ID	Comment	Reason for update
1	from: nameOfInformationProvider, + fixed attrib 2 to show code value	Resolution MjR3 - #113
1003	This rule has been superseded by VRs 1065 and 1066.	Comment Resolution MjR3 - #242
1004	Changed classname from TradeItemSynchronisationDates	Comment Resolution MjR3 - #113
1013	Error Desc: changed from "populated"	Comment Resolution MjR3 - #149
1014	Deleted rule	Comment Resolution MjR3 - #153
1016	changed status to DELETED as this is a redundant rule.	Peer review EK 12 Jun 13
1019	New Split (546) - Changed status to "DELETED" as per comment 115	Comment Resolution MjR3 - #115
1021	Is in duplication with rule 104	Peer review EK 12 June 13
1022	New Split (64) - Error desc was missing, added rule in as error desc. Updated attribute names to match model.	MVE 27 May 2013 - Comment Resolution MjR3 - #113
1025	New Split (465) -changed rule to add "If targetMarketCountryCode is equal to '752' and" + added same to error desc. + changed packagingMaterialTypeCode to packagingMaterialCode	Comment Resolution MjR3 - # 116, 113
1026	New Split (548) + changed attrib 3 from DimensionTypeCode = IN_PACKAGE	Comment Resolution MjR3 - # 113
1027	New Split (548) + changed attrib 3 from DimensionTypeCode = IN_PACKAGE	Comment Resolution MjR3 - # 113
1028	New Split (548) + changed attrib 3 from DimensionTypeCode = IN_PACKAGE	Comment Resolution MjR3 - # 113
1038	New Split(107) + changed attribute name from discontinueDateTime	Comment resolution MjR3 - #113
1039	New Split (580) - Error desc: put quotes around code list values.	Comment resolution MjR3 - #112
1044	changed attrib 1 & 2 from class TradeItem/, attrib 3 brought in line with notation of rule 454	Comment Resolution MjR3 - #113
1045	Added "iteration of" to both rule and error desc.+ changed class name from TradeItemBrandInformation	Comment Resolution MjR3 - #117,113
1046	Added "iteration of" to both rule and error desc.+ changed class name from TradeItemBrandInformation	Comment Resolution MjR3 - #117,113
1047	Added "iteration of" to both rule and error desc.	Peer Review EK 12 Jun 13
1048	Added "iteration of" to both rule and error desc.	Peer Review EK 12 Jun 13
1049	Added "iteration of" to both rule and error desc.	Peer Review EK 12 Jun 13
1050	Added "iteration of" to both rule and error desc.	Peer Review EK 12 Jun 13
1051	Added "iteration of" to both rule and error desc.	Peer Review EK 12 Jun 13

Rule ID	Comment	Reason for update
1052	changed class name from: TradeItemSalesConditions + Added "iteration of" to both rule and error desc.	Comment resolution MjR3 - #113, Peer Review EK 12 Jun 13
1053	Added "iteration of" to both rule and error desc.	Peer Review EK 12 Jun 13
1054	Added "iteration of" to both rule and error desc.	Peer Review EK 12 Jun 13
1055	Capitalized datatype in Attrib 2 + Added "iteration of" to both rule and error desc.	Comment resolution MjR3 - #113, Peer Review EK 12 Jun 13
1056	Added "iteration of" to both rule and error desc.	Peer Review EK 12 Jun 13
1057	PackagingMaterial/packagingMaterialTypeCode -> PackagingMaterial/packagingMaterialCode	Comment Resolution MjR3 - comment #89
1058	Added all attributes of TradeItemtemperatureInformation class to the attribute list. + Removed comma before "then" in rule	Comment Resolution MjR3 - #98, Peer review EK 12 June 2013
1059	Added new rule to allow for reuse of TradeItemInformation class only in specific circumstances + made class uppercase in attrib 2 - Changed status to deleted as replaced by rule 1081	Comment Resolution MjR3 - #143,113, Peer review EK 12 june 2013
1060	Added new rule to allow for reuse of TradeItemInformation class only in specific circumstances	Comment Resolution MjR3 - #143
1061	Added new rule to restrict length of AVP to 5000 characters.	Comment Resolution MjR3 - #155
1062	Added new rule to cater for <<choice>> construct that was present in 2.8. + Replaced rule "Within any instance of class NonPackagedSizeDimension one of descriptiveSizeDimension or sizeDimension must be empty."	Comment Resolution MjR3 - #157, Peer review EK 12 june 2013
1063	New rule to exclude Pharma and Med device contexts from ori rule 605	Comment Resolution MjR3 - #242
1064	New rule to exclude DE and IE from rule 605.+Made TM use consistent	Comment Resolution MjR3 - #242, 1WS3
1065	New rule to exclude Pharma and Med device contexts from ori rule 595 + changed class name from TradeItemDescription	Comment Resolution MjR3 - #242,113
1066	New rule to exclude DE and IE from rule 595.+Made TM use consistent + changed class name from TradeItemDescription + removed reference in rule to contexts	Comment Resolution MjR3 - #242,1WS3,113, Peer review EK 12 june 2013
1067	Added rule after peer review	12 june 2013
1068	Added rule after Peer review	12 june 2013

Rule ID	Comment	Reason for update
1069	Added rule after Peer review	12 june 2013
1070	Added rule after Peer review	12 june 2013
1071	Added rule after Peer review	12 june 2013
1072	Added rule after Peer review	12 june 2013
1073	Added rule after Peer review	12 june 2013
1074	Added rule after Peer review	12 june 2013
1075	Added rule after Peer review	12 june 2013
1076	Added rule after Peer review	12 june 2013
1077	Added rule after Peer review	12 june 2013
1078	Added rule after Peer review	12 june 2013
1079	Added rule after Peer review	12 june 2013
1080	Added rule after Peer review	12 june 2013
1081	Added rule after Peer review	12 june 2013
1082	Added rule after Peer review	12 june 2013
1083	Added rule after Peer review	12 june 2013

Change	BSD Version	Associated WR Number
<ul style="list-style-type: none"> Added rules 1085,1086,1087, 1088 to handle lower end of 20 percent change. Corrected attribute name on rules 632, 1025, 1057. Rewrote rule 631 to match implemented code name. Added rule 1089 "If xpath equals TradeItem/PartyInRole and PartyInRole/gln, PartyInRole/partyName, PartyInRole/partyAddress or PartyInRole/additionalPartyIdentification are not empty then PartyInRole/partyRoleCode must not be empty." Removed rules 496, 497 (no longer apply to current architecture) Removed rule 1036 (redundant). Removed GS1 Response from list of messages for rule 300. Added rule 1090: If ProductYieldInformation/productYield is not empty then preparationServing/preparationTypeCode must not be empty. <p>Added rule 1091: If ProductYieldInformation/productYield is not empty then ProductYieldInformation/preparationYieldTypeCode must not be empty.</p>	1.1.1	
<ul style="list-style-type: none"> Updated rule 540 to correct referenced attribute (ChildTradeItem/quantityofNextLowerLevelTradeItem) 	1.1.2	

Change	BSD Version	Associated WR Number
<ul style="list-style-type: none"> Updated VR106 for WR 12-024: removed old rule and error description text. Updated VR 338 for WR 14-157. Added "or 'ZZZ'". Updated VR 469 as errata: removed one 0 rom "0020 to 0029, 0040 to 0049" Updated VR 575 for completeness of XPath: inserted "generalization/TradeItemIdentification" Updated VR 594 error message: changed wrong reference to palletTypeCode into platformtypeCode Updated VR 617: added in generalization in rule to complete XPath. Added VR 642 for WR 12-163 Updated VR 1001: changed attribute name from "name" to 'partyName" Updated VR 1022: changed attribute name from cancelDatetime to cancelledDateTime Updated VR 1049: replaced erroneous languageCode by Unit Of Measurement Updated VR 1057: fixed typo, from "Packagingmaterial/packagingMaterialTypeCode" to "Packagingmaterial/packagingMaterialTypeCode" + changed "PAPERBOARD" to "PAPER_PAPERBOARD" Updated VR 1083: Added "TradeItemPriceInformation" to both rule and error message to complete XPath. Added VR 1084 for WR 12-289. Updated VR 1090: Changed name of class from " preparationServing" to "PreparationMethod" Added Validation Rules 1166-1236 Corrected 530 to reflect both must be populated (2.0.1) Updated Business processes to be consistent when All GDSN Messages is meant. Added following rules for Packaging Sustainability and Product Characteristics Modules and to enforce single value per measurement,description, amount (new): 1167,1168, 1169, 1170, 1171, 1172,1173, 1174, 1175,1176, 1177, 1178, 1179, 1180, 1181, 1182, 1183 , 1184, 1185, 1186,1187, 1188, 1189, 1190, 1191, 1192, 1193, 1194, 1195, 1196, 1197, 1198, 1199, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210,1211,1212, 1213, 1214,1215, 1216,1217, 1218, 1219,1220, 1221, 1222, 1223, 1224,1225, 1226, 1227, 1228, 1229, 1230, 1231, 1232, 1233, 1234, 1235, 1236, 1237, 1238, 1239, 1240, 1241, 1242, 1243, 1244, 1245, 1246, 1247, 1248, 1249, 1250, 1251, 1253,1254, 1255, 1256,1257, 1258, 1259, 1260, 1261, 1262, 1263, 1264, 1265, 1266, 1267, 1268, 1269, 1270, 1271,1272, 1273, 1274, 1275. 	2.0.0, 2.0.1	
Changed VR200 from "is not equal to 'true' then grossWeight must not be empty" to be in line with VR 204 wording.	2.1	15-228
Removed VRs 1325 to 1330 as they were not requested for this WR 15-021	2.1	15-021
VR 1331: Deleted the rule	2.1	15-229
VR 1268: Removed because in duplication with VR 1267	2.1	15-229
VR 1065: Removed "unless the context is 'Pharmaceuticals' or 'Medical Devices'" from the error message, this is covered by the context assignment in the spreadsheet. It also removes the conflict with VR 1066	2.1	15-229
VR 1062: Changed error message from "descriptiveSizeDimension and sizeDimension cannot be populated in a single instance of class NonPackagedSizeDimension." to "If NonPackagedSizeDimension is not empty then either descriptiveSizeDimension or sizeDimension must not be empty." to be in line with the structured rule.	2.1	15-229
VR 1038: Deleted as redundant (= same as VR 107)	2.1	15-229

VR 617: Changed error message from "greater than or equal to 1" to "greater than 0" to be in line with structured rule.	2.1	15-229
VR 542: Removed attrib 2 "All Code Lists" as this was a duplicate of Attrib1.	2.1	Peer Review
VR 541: Removed "a GS1 managed" from the structured rule to cater for ALL kinds of code lists (Including ISO and other externally managed ones) . + Removed attrib2 "All Code Lists" as this was duplication of attrib 1.	2.1	15-229
VR 390,391: Both rules were deleted as an update has been made to VR541 catering for the content of these rules.	2.1	15-229
VR 363: Added "" to structured rule = added attribute 2 "DocumentCommandHeader/Type". The structured rule was missing this, whereas the error message had it.	2.1	15-229
VR 361: "XSD" in structured rule was confusing in case of error. Replaced "XSD" by "Instance Document (Message)"	2.1	15-229
VR 343,344: Deleted as the rule was vague and is covered by the general rule about glns having to be 13 digits with correct check digit.	2.1	15-229
VR 204: Removed "must not be empty" from structured rule and replaced by "must be greater then '0'" to bring in line with error message.	2.1	15-229
Added VR 1333 as VR 107 was missing the reverse rule.	2.1	15-229
VR 1291: Removed attribute 2 "firstShipdatetime" as not in rule.	2.1	Peer Review
VR 1292: Added Attributes 3,4,5 "gtin" "gln" "targetMarket"	2.1	Peer Review
VR 1290: Added Attribute 4 "documentCommandHeaderType"	2.1	Peer Review
VR 1289: Added Attribute 3 "documentCommandHeaderType"	2.1	Peer Review
VR 1229,1245,1269: Removed attribute 2 "description200/languageCode" + added "/languageCode" to attribute 1 as description200 is just a type, language code is a child of attrib1	2.1	Peer Review
VR 1221,1222: In attrib 1, changed class from "PackagingMaterial" to "ReturnableAsset"	2.1	Peer Review
VR 1183,1201,1227,1264,1271: removed attrib2 "Amount/currencyCode" + added "/currencyCode" to attrib 1	2.1	Peer Review
VR 1180: Removed attribute 2 "description500/languageCode" + added "/languageCode" to attribute 1 as description500 is just a type, language code is a child of attrib1	2.1	Peer Review
VR 1074: Removed attribute 2 "description2500/languageCode" + added "/languageCode" to attribute 1 as description2500 is just a type, language code is a child of attrib1	2.1	Peer Review
VR 1069,1070,1073,1178,1179,1181,1184,1190,1191,1192,1193,1194,1198,1199,1200,1206,1213,1214,1215,1216,1219,1220,1223,1224,12125,1226,1228,1230,1241: Removed attribute 2 "description1000/languageCode" + added "/languageCode" to attribute 1 as description1000 is just a type, language code is a child of attrib1	2.1	Peer Review
VR 1067,1265: Removed attribute 2 "description5000/languageCode" + added "/languageCode" to attribute 1 as description5000 is just a type, language code is a child of attrib1	2.1	Peer Review
VR 1066: Removed in Geopolitical "Global excepted"	2.1	Peer Review
VR 1061: Changed attrib 1 from AVPList to stringAVP.	2.1	Peer Review
VR 1058: Changed in structured rule from "not equal to" to "other than" for clarity.	2.1	Peer Review
VR 1055: Removed attribute 2 "description2500/languageCode" + added "/languageCode" to attribute 1 as description2500 is just a type, language code is a child of attrib1	2.1	Peer Review
VR 1049,1051,1052,1053,1054,1187,1188,1195,1196,1197,1202,1203,1204,1205,1207,1212,1218,1221,1222,1234,1235,1248,1266: Removed attribute 2 "Measurement/measurementUnitCode" + added "/measurementUnitCode" to attrib 1 as Measurement is just a type, measurementUnitCode is a child of attrib1	2.1	Peer Review

VR 1050,1238,1239,1240,1237,1242,1243,1244,1246,1247,1249,1250,1251,1253,1254,1255,1256,1257,1258,1259,1260,1261,1262,1263,1267,1268,1270,1272,1273,1274: Removed attribute 2 "description80/languageCode" + added "/languageCode" to attribute 1 as description80 is just a type, language code is a child of attrib1	2.1	Peer Review
VR 1047,1048,1056: Removed attribute 2 "description35/languageCode" + added "/languageCode" to attribute 1 as description is just a type, language code is a child of attrib1	2.1	Peer Review
VR 1045,1046,1068,1071,1072,1075,1182,1185,1186,1208: Removed attribute 2 "description70/languageCode" + added "/languageCode" to attribute 1 as description is just a type, language code is a child of attrib1	2.1	Peer Review
VR 1040,1041,1042: fixed typo in structured rule and error message from "additionTradeItemIdentification value " to "additionalTradeItemIdentification value "	2.1	Peer Review
VR 1039: fixed typo in structured rule from "additionTradeItemIdentification value " to "additionalTradeItemIdentification value " + changed error message from "An additional trade item identification of 'GTIN_13' must have 13 digits and must have a valid check digit." to "" to be in line with similar VRs 1040,1041,1042	2.1	Peer Review
VR 1035: removed "gln" from attribute 1 "CatalogueItemReference/dataSource/gln" Data source is of type GLN, it's not the child element	2.1	Peer Review
VR 1025: Changed Geopolitical from Global to TM = 752 Sweden to be in line with Structured Rule and Error Message	2.1	Peer Review
VR 1000: removed attribute 2 "PartyInRole/gln" as it was duplicate.	2.1	Peer Review
VR 530: Error msg had country codes for New Zealand and Hungary switched. Fixed.	2.1	Peer Review
VR 498: Fixed typo in Attribute 1: from "headerVersion" to "HeaderVersion"	2.1	Peer Review
VR 477: Fixed typo in classname in both structured rule and attribute 3 from "Flashpoint" to "FlashPoint"	2.1	Peer Review
VR 475: changed rule from "(targetMarketSubCountryCode" to "(targetMarketSubdivisionCode"	2.1	Peer Review
VR 468: change attribute 3 from "Packaging/packagingTypeCode" to "Packaging/packageTypeCode"	2.1	Peer Review
VR 464: Removed attribute 2: "TradeItemdescriptionInformation/tradeItemGroupIdentificationCodeReference"	2.1	Peer Review
VR 391: Changed attribute 1 from "languageCode" to "LanguageCode"	2.1	Peer Review
VR 390: Changed attribute 1 from "currencyCode" to "CurrencyCode"	2.1	Peer Review
VR 363: fixed typo in Attribute 1: From "DocumentIdentification/type" to "DocumentIdentification/Type"	2.1	Peer Review
VR 357: fixed typo in Attribute 1 from "documentIdentification/InstanceIdentifier" to "DocumentIdentification/InstanceIdentifier"	2.1	Peer Review
VR 356: changed structured rule and attribute name 1 from "Transaction/EntityIdentification" to "TransactionIdentification/EntityIdentification"	2.1	Peer Review
VR 355: changed structured rule and attribute name 1 from "DocumentCommand/EntityIdentification" to "DocumentCommandIdentification/EntityIdentification"	2.1	Peer Review
VR 351: Changed structured rule from "ScopeAttributes/Type" to "Scope/Type"	2.1	Peer Review
VR 351: Changed attribute 1 from "ScopeAttributes/Type" to "Scope/Type" as ScopeAttributes is an XML group, it does not appear in the instance file (the actual message), just in the schema. The parent element is 'Scope'	2.1	Peer Review
VR 350: Changed attribute 3 from "ScopeAttributes/Identifier" to "Scope/Identifier" as ScopeAttributes is an XML group, it does not appear in the instance file (the actual message), just in the schema. The parent element is 'Scope'	2.1	Peer Review
VR 350: Changed attribute 2 from "ScopeAttributes/InstanceIdentifier" to "Scope/InstanceIdentifier" as ScopeAttributes is an XML group, it does not appear in the instance file (the actual message), just in the schema. The parent element is 'Scope'	2.1	Peer Review
VR 350: Changed attribute 1 from "ScopeAttributes/Type" to "Scope/Type" as ScopeAttributes is an XML group, it does not appear in the instance file (the actual message), just in the schema. The parent element is 'Scope'	2.1	Peer Review



VR 350: Changed structured rule from "If message type is response then ScopeAttributes" to "If message type is response or exception then Scope" + changed error message from "Business Scope must present " to "Business Scope must be present "	2.1	Peer Review
Changed error message from "EAN.UCC" to "GS1"	2.1	Peer Review
Changed in rule and attribute name from "Sender/authority" to "Sender/Identifier/authority"	2.1	Peer Review
Fixed typo in Business Process (Message Name) for VR 312, from "data pppl" to "data pool"	2.1	Peer Review
Fixed typo in error message from "on a Catalog Item" to "in a Catalogue Item"	2.1	Peer Review
Changed in both structured rule and error message from "CORRECT or CHANGE" to "'CORRECT' or 'CHANGE_BY_REFRESH'"	2.1	Peer Review
Changed error message in VR 98 from dynamic_assortment" to "DYNAMIC_ASSORTMENT"	2.1	Peer Review
changed in VR 47 the attributename from "CatalogueItemReference/targetMarket" to "CatalogueItemReference/targetMarketCountryCode"	2.1	Peer Review
Changed in VR 45 attributename from "CatalogueItemDates/discontinuedDate" to "CatalogueItemDates/discontinuedDateTime"	2.1	Peer Review
Changed in Business Process (Message Name) column "Register Catalogue Item" to "Registry Catalogue Item" for VRs: 2,36,41,42,44,45,47,74,76,106,107,300,1035,1037	2.1	Peer Review
VR503: Added "and if the Document Command is equal to 'CHANGE_BY_REFRESH' " to the structured rule and error message.	2.1	15-202
VR502: Added "and if the Document Command is equal to 'CHANGE_BY_REFRESH' " to the structured rule and error message.	2.1	15-202
VR501: Added "and if the Document Command is equal to 'CHANGE_BY_REFRESH' " to the structured rule and error message.	2.1	15-202
VR500: Added "and if the Document Command is equal to 'CHANGE_BY_REFRESH' " to the structured rule and error message.	2.1	15-202
VR1088: Added "and if the Document Command is equal to 'CHANGE_BY_REFRESH' " to the structured rule and error message.	2.1	15-202
VR1087: Added "and if the Document Command is equal to 'CHANGE_BY_REFRESH' " to the structured rule and error message.	2.1	15-202
VR1086: Added "and if the Document Command is equal to 'CHANGE_BY_REFRESH' " to the structured rule and error message.	2.1	15-202
VR1085: Added "and if the Document Command is equal to 'CHANGE_BY_REFRESH' " to the structured rule and error message.	2.1	15-202
VR 633: Changed structured rule from "If productionVariantEffectiveDateTime is not empty then productionVariantDescription must not be empty" + updated error message.	2.1	15-161
VR 579: Changed structured rule from "If isTradeItemAConsumerUnit is equal to 'true' then one iteration of GS1TradeItemIdentificationKey/gs1TradeItemIdentificationKeyCode must equal ('GTIN_8', 'GTIN_12', or 'GTIN_13')." + updated error message	2.1	15-161
VR530: Changed structured rule from "If targetMarketCountryCode is equal to ('036' (Australia), '348' (Hungary) or '554' (New Zealand)) and quantityOfTradeItemsPerPalletLayer is greater than 0 then quantityOfLayersPerPallet must not be greater than 0."	2.1	15-161
VR517: replaced structured rule + error msg from "If gpcCategoryCode is equal to '10001137' then audioVisualMediaProductTitle, genreTypeCodeReference, titleRatingCodeReference/Code, titleRatingCodeReference/codeListAgencyCode and gameFormatCode must not be empty."	2.1	15-161

VR 517,579,1081: Reincluded TM Australia (036) and New Zealand (554). Both TM still excluded from VR633	2.1	15-161
Created new VR 1332 for Germany and Austria to replace VR338 for these countries.	2.1	15-176
Removed Germany and Austria from VR 338	2.1	15-176
Changed DPI to all for VRs 1294,1295,1296,1297	2.1	15-203
Added Column "Type Of Change" to the sheet, possible values: ADD,DELETE, CHANGE	2.1	
VR1297 Changed in both structured rule and error message "14 digits" to "12 digits"	2.1	
VR1237-1275 reinserted the existing VRs from the Dec 2014 VR BMS. This means that the 1237-1275 rules in this sheet on 28 June 2015, have been renumbered 1293-1331. The numbers they had until 29 Jun 15 are now in the column original rule ID.	2.1	
Changed structured rule of VR453 from "If the Document Command is equal to 'CHANGE_BY_REFRESH' then ChildTradeItem/TradeItemIdentification/gtin must not be updated ."and the error message from "childTradeItemGTIN is not allowed to be changed according to GTIN allocation rules. " + added attribute 3 TradeItem/PreliminaryItemStatusCode	2.1	15-021
Changed structured rule of VR452 from "If the Document Command is equal to 'CHANGE_BY_REFRESH' then totalQuantityOfNextLowerLevelTradeItem must not be updated ."and the error message from "totalQuantityOfNextLowerLevelTradeItem is not allowed to be changed according to GTIN allocation rules. " + added attribute 3 TradeItem/PreliminaryItemStatusCode	2.1	15-021
Changed structured rule of VR451 from "If the Document Command is equal to 'CHANGE_BY_REFRESH' then BrandNameInformation/brandName must not be updated ." + added attribute 3 TradeItem/PreliminaryItemStatusCode	2.1	15-021
Changed structured rule of VR450 from "If the Document Command is equal to 'CHANGE_BY_REFRESH' then priceComparisonMeasurement must not be updated ." and the error message from "The value for priceComparisonMeasurement is not allowed to be changed according to GTIN allocation rules. "+ added attribute 3 TradeItem/PreliminaryItemStatusCode	2.1	15-021
Changed structured rule of VR449 from "If the Document Command is equal to 'CHANGE_BY_REFRESH' then netContent must not be updated ." and the error message from "The value for netContent is not allowed to be changed according to GTIN allocation rules. "+ added attribute 3 TradeItem/PreliminaryItemStatusCode	2.1	15-021
Changed structured rule of VR503 from "grossWeight must not be 20 percent greater than current version grossWeight" + changed error message from "According to GTIN allocation rules, grossWeight is not allowed to be changed more than 20%. Previously accepted and stored value is {n}." + added attribute 2: TradeItem/PreliminaryItemStatusCode	2.1	15-021
Changed structured rule of VR502 from "depth must not be 20 percent greater than current version depth" + changed error message from "According to GTIN allocation rules, depth is not allowed to be changed more than 20%. Previously accepted and stored value is {n}." + added attribute 2: TradeItem/PreliminaryItemStatusCode	2.1	15-021
Changed structured rule of VR501 from "width must not be 20 percent greater than current version width." + changed error message from "According to GTIN allocation rules, width is not allowed to be changed more than 20%. Previously accepted and stored value is {n}." + added attribute 2: TradeItem/PreliminaryItemStatusCode	2.1	15-021
Changed structured rule of VR500 from "height must not be 20 percent greater than current version height." + changed error message from "According to GTIN allocation rules, height is not allowed to be changed more than 20%. Previously accepted and stored value is {n}." + added attribute 2: TradeItem/PreliminaryItemStatusCode	2.1	15-021
Changed structured rule and error message of VR 1088 from "TradeItemMeasurements/grossWeight must not be less than 80 percent of the current version grossWeight." + added attribute 2: TradeItem/PreliminaryItemStatusCode + changed attribute 1 from "grossWeight" to "TradeItemMeasurements/grossWeight"	2.1	15-021

Changed structured rule and error message of VR 1087 from "TradeItemMeasurements/depth must not be less than 80 percent of the current version depth." + added attribute 2: TradeItem/PreliminaryItemStatusCode	2.1	15-021
Changed structured rule and error message of VR 1086 from "TradeItemMeasurements/width must not be less than 80 percent of the current version width." + added attribute 2: TradeItem/PreliminaryItemStatusCode	2.1	15-021
Changed structured rule and error message of VR 1085 from "TradeItemMeasurements/height must not be less than 80 percent of the current version height." + added attribute 2: TradeItem/PreliminaryItemStatusCode	2.1	15-021
Added VR 1288,1289,1290,1291,1292 for Preliminary Item	2.1	15-021
VR538 removed as similar to rule 314, which has been kept.	2.1	15-147
VR 517,579,633,1081: Removed TM Australia (036) and New Zealand (554) as the dependencies enforced in these validation rules currently don't exist in their data pool. If implemented, this would have created issues for their community during the MjR3 migration.	2.1	15-161
VR 525: Removed this rule as new sectors that have come onboard do not require the population of the Trade Item Group Identification attributes.	2.1	15-165
VR 535: Removed this rule as it is in duplication with VR 518 - based on decision GS1 AU (Stephan Wijnker)	2.1	15-147
VR 1042: changed in both structure rule and error message from "14 digits" to "12 digits".	2.1	15-147
VR 1025: Changed structured rule from "If targetMarketCountryCode is equal to '752' and CompositeMaterialDetail/packagingMaterialTypeCode not empty" to "If targetMarketCountryCode is equal to '752' (Sweden) and CompositeMaterialDetail/packagingMaterialTypeCode is not empty" + Changed error message from "'752'" to "'752' (Sweden)"	2.1	15-147
VR 613: added to the structured rule "and freeQuantityOfProduct is not empty, "	2.1	15-147
VR 581: removed this VR as it was in duplication with VR 448.	2.1	15-147
VR575: Replaced in both structured rule and error message "GS1-14 structure." by "GTIN-14".	2.1	15-147
VR540: Changed structured rule from "parent item platformTypeCode is equal to ('37','11'), and the child platformTypeCode is equal to ('30','36' or '10')" to "parent item platformTypeCode is equal to '11', and the child platformTypeCode is equal to '10'" because codes 30,36,37 have been deprecated post 2.8 + Changed error message to remove "EUR Pallet (code 37)," as this code has been replaced by code 11 in Major Release.	2.1	15-147
VR 533: Changed in error description from "taxApplicabilityCode" to "dutyFeeTaxCategoryCode"	2.1	15-147
VR 532: Changed error message to be in line with structured rule from "tradeItemSizeDescription" to "descriptive size"	2.1	15-147
VR 506: Changed in VR "KG" to "KGM" and "GR" to "GRM". Were still 2.8 UOM codes.	2.1	15-147
Document moved out from the 2.8 3.1 mapping document. Has become a separate document (As per GMD SMG decision of 9 June 2015)	2.1	
Removed "or equal to" from VR515 to be in line with error message	2.1	15-119
Added VRs: 1284,1285,1286,1287	2.1	15-112
Added VR 1281 for ingredientSequence to be numeric.	2.1	15-093
Added VR 1282 for documentActionCode to be mandatory.	2.1	15-086
Added VR 1283 for effectiveDateTime to be mandatory.	2.1	15-086
Updated error messages for VR1022 & 485 where attribute names were not correct.	2.1	15-086
Removed VR 1211	2.1	15-068

<p>Added VRs:</p> <p>1092 1093 1099 1102 1104 1105 1106 1107 1108 1109 1110 1111 1112 1113 1114 1115 1116 1117 1120</p>	<p>2.1</p>	
<p>Added VRs:</p> <p>1122 1123 1124 1125 1126 1127 1128 1129 1130 1133 1135 1137 1138 1139 1140 1141</p>	<p>2.1</p>	
<p>Added VRs:</p> <p>1142 1143 1144 1145 1146 1148 1150 1153 1154 1155 1156 1157 1158 1159 1160 1161 1162 1163 1164 1165</p>	<p>2.1</p>	



<p>Added VRs:</p> <p>1237 1238 1239 1240 1241 1242 1243 1244 1245 1246 1247 1248 1249 1250 1251 1252 1253 1254 1255 1256 1257 1258 1259</p>	2.1	
<p>Added VRs:</p> <p>1260 1261 1262 1263 1264 1265 1266 1267 1268 1269 1270 1271 1272 1273 1274 1275 1276 1277 1278 1279 1280</p>	2.1	
Updated VRs 559 and 561 for MIXED_MODULE and DISPLAY_SHIPPER	2.1	
VR1177: Changed structured rule from "If there is more than one iteration of the FoodAndBeverageIngredientClass"	2.1	
VR532: Changed in error message "tradeItemSizeDescription." to "descriptive size"	2.1	
VR530: Changed styructured rule from "If targetMarketCountryCode is equal to ('036' (Australia), '348' (Hungary) or '554' (New Zealand)) then quantityOfTradeItemsPerPalletLayer and quantityOfLayersPerPallet must be greater than 0." and error message from "If targetMarketCountryCode is equal to ('036' (Australia), '348' (Hungary) or '554' (New Zealand)) then quantityOfTradeItemsPerPalletLayer and quantityOfLayersPerPallet must be greater than 0."	2.1	

<p>VR1069: Typo in structured rule and error message compulsoryAdditivesLabelInformation. Should be compulsoryAdditiveLabelInformation</p> <p>VR 1259: Typo in structured rule and error message: packagingRecoveryRateDescriptionper, should be "packagingRecoveryRateDescription per"</p> <p>VR 1269: Typo in structured rule and error message: relevantSupportingSubstanceHazardousDocumentationper, should be: "relevantSupportingSubstanceHazardousDocumentation per"</p>	2.2																																																				
<p>VR 1311: Set context to exclude Pharma and Med device as per email Reinier Prenger. Added new rules 1334, 1335, 1336, 1337 as a result of matching with agreed table 7.1 discussing occurrence per language/UoM</p>	2.2																																																				
<p>VR 1166: changed the wrong code value "PALLET" to "PX" in both rule and error message.</p> <p>VR 1276: Had to be removed for WR 15-229, but was not removed yet. Strike through now as it is errata.</p>	2.1	ERRATA																																																			
<p>The Validation Rules below have proven to be unimplementable for Major Release. While these rules are still in the standard, they SHALL BE REMOVED from your implementation of Major Release.</p> <table border="1" data-bbox="134 945 876 2027"> <thead> <tr> <th>VR</th> <th>WR</th> <th>Reason for Strikethrough</th> </tr> </thead> <tbody> <tr> <td>343</td> <td>15-229</td> <td>Rule too vague.</td> </tr> <tr> <td>344</td> <td>15-229</td> <td>Rule too vague.</td> </tr> <tr> <td>390</td> <td>15-229</td> <td>dataType CurrencyCode is not used in MjR. It is Amount.</td> </tr> <tr> <td>391</td> <td>15-229</td> <td>dataType languageCode is not used in MjR. It is part of all the Description datatypes.</td> </tr> <tr> <td>468</td> <td>Peer Review</td> <td>PackagingTypeCode value "NE" does not exist.</td> </tr> <tr> <td>483</td> <td>16-002</td> <td>This validation ONLY works on first population of endAvailabilityDateTime. If a supplier updates data after endAvailability date, item fails. This does not make sense as a supplier may need to update discontinueDate or other data.</td> </tr> <tr> <td>491</td> <td>16-103</td> <td>Should be >= 0 and <= 100</td> </tr> <tr> <td>508</td> <td>14-025</td> <td>Was already strikethrough in August 2015 Release of BMS</td> </tr> <tr> <td>509</td> <td>14-025</td> <td>Was already strikethrough in August 2015 Release of BMS</td> </tr> <tr> <td>525</td> <td>15-165</td> <td>New sectors that have come onboard do not require the population of the Trade Item Group Identification attributes.</td> </tr> <tr> <td>535</td> <td>15-147</td> <td>Duplicate of VR 518</td> </tr> <tr> <td>538</td> <td>15-147</td> <td>Duplicate of VR 314</td> </tr> <tr> <td>578</td> <td>15-343</td> <td>Is causing large migration issues for a datapool. They have found instances on B2C data or exchanging wholesale information where VAT is not exchanged. If used beyond retail, this VR does not work.</td> </tr> <tr> <td>579</td> <td>16-003</td> <td>For Food service & Warehouse club this is causing an issue as Shipper Container codes or GTIN_14 are used as the barcodes on a case but are also available consumer units</td> </tr> <tr> <td>581</td> <td>15-147</td> <td>Duplicate of VR 448</td> </tr> <tr> <td>1037</td> <td>Peer Review</td> <td>discontinuedDateTime should be removed from this rule. (VR 106 in 2.8)</td> </tr> </tbody> </table>	VR	WR	Reason for Strikethrough	343	15-229	Rule too vague.	344	15-229	Rule too vague.	390	15-229	dataType CurrencyCode is not used in MjR. It is Amount.	391	15-229	dataType languageCode is not used in MjR. It is part of all the Description datatypes.	468	Peer Review	PackagingTypeCode value "NE" does not exist.	483	16-002	This validation ONLY works on first population of endAvailabilityDateTime. If a supplier updates data after endAvailability date, item fails. This does not make sense as a supplier may need to update discontinueDate or other data.	491	16-103	Should be >= 0 and <= 100	508	14-025	Was already strikethrough in August 2015 Release of BMS	509	14-025	Was already strikethrough in August 2015 Release of BMS	525	15-165	New sectors that have come onboard do not require the population of the Trade Item Group Identification attributes.	535	15-147	Duplicate of VR 518	538	15-147	Duplicate of VR 314	578	15-343	Is causing large migration issues for a datapool. They have found instances on B2C data or exchanging wholesale information where VAT is not exchanged. If used beyond retail, this VR does not work.	579	16-003	For Food service & Warehouse club this is causing an issue as Shipper Container codes or GTIN_14 are used as the barcodes on a case but are also available consumer units	581	15-147	Duplicate of VR 448	1037	Peer Review	discontinuedDateTime should be removed from this rule. (VR 106 in 2.8)	2.1.1	ERRATA
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1038	15-229	Was VR107 in 2.8. Error message and structured rule are not in sync (no mention of "the CatalogueItem and TradeItem Discontinue Dates and Cancel Dates were not the same" in the rule.)			
1169		In the current 2.8 data model attribute is 0..* so in the Mjr3 we should not limit users to populate maximum 1 of this value.			
1174	15-108 15-332	In the current 2.8 data model attribute is 0..* so in the Mjr3 we should not limit users to populate maximum 1 of this value.			
1175	15-108 15-332	In the current 2.8 data model attribute is 0..* so in the Mjr3 we should not limit users to populate maximum 1 of this value.			
1183	15-337	Stating there can only be one iteration of catalog price per currency is wrong as the class is repeatable due to other information in the class like effective dates or price basis			
1211	15-068	packagingTermsAndConditionsCode is a code not language			
1268	15-229	Duplicate of VR 1267			
1276	15-021 15-229	Rule is incomplete. Does not say when the exception should be sent.			
1298	16-102	areBatteriesrequired=FALSE triggers validation, which is incorrect.			
1306	16-016	If isPriceOnPack=FALSE triggers an error, which it shouldn't. VR is similar to VR 456 which is correctly only stating if "TRUE"			
1325	15-021 15-229	Erroneously added for WR15-021			
1326	15-021 15-229	Erroneously added for WR15-021			
1327	15-021 15-229	Erroneously added for WR15-021			
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1329	15-021 15-229	Erroneously added for WR15-021			
1330	15-021 15-229	Erroneously added for WR15-021			
1331	15-021 15-229	Rule is incomplete. Does not say when the exception should be sent.			
1332	15-176	The validation is causing huge migration impact and DE and AT will look at reworking the validation at a later date			
1322	16-013	"or freeQuantityOfProduct" should be added to VR as in VR 1320.			
1313	14-139 16-111	Rule does not make sense.			
465	16-117	This is already validated by schema.			
Made following changes compared to the previous version:				3	
1381		Added technical VR 1381 for tradeItemLicenseTitle: repeatability for languageCode only.			
1382		Added technical VR 1382 for tradeItemMaterialDesignationDescription repeatability for languageCode only.			

1383		Added technical VR 1383 for onixPartNumber: repeatability for languageCode only.			
1384		Added technical VR 1384 for educationalFocusDescription: repeatability for languageCode only.			
1385		Added technical VR 1385 for connectorFinishDescription: repeatability for languageCode only.			
1386		Added technical VR 1386 for dutyFeeTaxLegalProvision: repeatability for languageCode only.			
1387		Added technical VR 1387 for recommendedUsageLocation: repeatability for languageCode only.			
1388		Added technical VR 1388 for experienceLevel: repeatability for languageCode only.			
1389		Added technical VR 1389 for sizeTermDescription: repeatability for languageCode only.			
1390		Added technical VR 1390 for closureOrFastenerLocation: repeatability for languageCode only.			
1391		Added technical VR 1391 for feedLifeStage: repeatability for languageCode only.			
1392		Added technical VR 1392 for maximumFeedingAmount: repeatability for measurementUnitCode only.			
1393		Added technical VR 1393 for minimumFeedingAmount: repeatability for measurementUnitCode only.			
1394		Added technical VR 1394 for recommendedFrequencyOfFeeding: repeatability for languageCode only.			
1395		Added technical VR 1395 for maximumWeightOfAnimalBeingFed: repeatability for measurementUnitCode only.			
1396		Added technical VR 1396 for minimumWeightOfAnimalBeingFed: repeatability for measurementUnitCode only.			
1397		Added technical VR 1397 for feedingAmount: repeatability for measurementUnitCode only.			
1398		Added technical VR 1398 for maximumFeedingAmount: repeatability for measurementUnitCode only.			
1399		Added technical VR 1399 for minimumFeedingAmount: repeatability for measurementUnitCode only.			
1400		Added technical VR 1400 for animalNutrientQuantityContained: repeatability for measurementUnitCode only.			
1401		Added technical VR 1401 for animalNutrientQuantityContainedBasis: repeatability for measurementUnitCode only.			
1402		Added technical VR 1402 for maximumResolution: repeatability for measurementUnitCode only.			
1403		Added technical VR 1403 for itemMinimumDurability: repeatability for timeMeasurementUnitCode only.			
Added missing technical VR 1305 for feedingAmountBasisDescription: repeatability for languageCode			4		
Added missing technical VR 1404 for dutyFeeTaxBasisPrice: repeatability for currencyCode					