



Data Synchronization Implementation Guide for the USDA Foods Program

Version 4

Data Synchronization Implementation Guide

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NOTE TO BROKERS:

If you as a broker (non-manufacturer) are the vendor of record, you are responsible for ensuring required product information is published to the USDA Foods Program via the GDSN. To meet this requirement, you may choose from the following options:

1. Enter and publish product information via the GDSN on behalf of your supplier(s) / brand owner(s)
2. Have your supplier(s) / brand owner(s) enter and publish their product information via the GDSN on your behalf

Key Definitions

Brand Owner: The brand owner of the product. The organization that is responsible for allocating the GTIN to the product.

Vendor/Vendor of Record: The vendor is the contractual entity that provides products as part of a contract with USDA Foods Program (may or may not be a manufacturer/brand owner).

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1 USDA FOODS PROGRAM DATA SYNCHRONIZATION INFORMATION

1.1 Primary Data Synchronization Contact

Primary Data Synchronization Contact

Name: Pamela Pehrsson

Phone: 301.504.0630

Email: usdabfpd@ars.usda.gov

1.2 USDA FOODS PROGRAM GLN - Publish To:

Production: 0861583000319

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2 STEPS TO BEGIN SYNCING YOUR DATA WITH USDA FOODS PROGRAM

1. Have your accurate item data loaded into your home data pool and ensure it is ready for publication
 - Contact your data pool for any technical assistance you might require to complete this step.
2. Review attribute requirements in Section 3 of this document to ensure you can meet our requirements
 - ***Note: 1WorldSync Item Management users can apply the Playlist 'FNS Food Distribution' to be guided through the attribute requirements.***
3. USDA Foods Program has an open target market subscription; you do not need to request USDA Foods Program to create a subscription for your GLN. You can immediately publish all items and attributes directly without delay.
4. Publish your items
 - USDA Foods Program *will require the following:*
 - i. Send complete item file as Initial Load publication type
 - ii. USDA Foods Program will take data directly in production
 - iii. After supplier sends Initial Load of all active items, going forward, supplier will only need to send New items as a New publication type
5. Send ongoing item maintenance notifications through your GDSN Certified Data Pool (e.g., 1WorldSync) to the USDA Foods Program GLN:
0861583000319

3 ATTRIBUTE REQUIREMENTS

Below is a list of attributes for USDA Foods Program. All listed attributes are not required. Reference the column titled "Minimum Required" for the following identifiers:

R = Required

O = Optional

CR = Conditionally Required

FNS = These attributes will be shared with FNS stakeholders. FNS strongly recommends these attributes be published.

Note: 1WorldSync Item Management users can apply the Playlist 'FNS Food Distribution' to be guided through the attribute requirements.

NOTICE ON NUTRITION FACTS PANEL REQUIRMENTS:

1. Since there are several allowable formats for the Nutrition Facts Panel (NFP), it is requested that suppliers populate the attribute "nutrientFormatTypeCodeReference/code" to indicate the specific NFP format being utilized. Providing this information assists the USDA Foods Program in calculating unit value of measure based on the %DV provided, which is necessary for determining whether an item meets benchmark requirements set forth by the program.

Once the NFP format is indicated, corresponding validation rules will be applied to ensure the nutrients required for that NFP format are provided. For example, if the product carries standard NFP pre-2020 format, you will populate the attribute "nutrientFormatTypeCodeReference/code" as "US_FDA_NFP_PRE_2020_STANDARD" and then must provide one instance of "nutrientTypeCode" as "ENERPF" (Calories from Fat).

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3.1 Key Data Attributes

USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
Information Provider GLN	Information Provider GLN	informationProvider/gln	R	
Target Market	Target Market	targetMarket	R	
Trade Channel	Trade Channel	tradeChannel	CR	If one instance of Trade Channel (tradeChannel) is not Child Nutrition Food Programs (CHILD_NUTRITION_FOOD_PROGRAMS), then WARNING: One instance of Trade Channel (tradeChannel) should be Child Nutrition Food Programs (CHILD_NUTRITION_FOOD_PROGRAMS). Note: This attribute value was previously known as Child Nutrition Food Service. Child Nutrition Food Programs is defined as "Trade channel where food products are approved for sale as part of a child nutrition program (for schools K-12, nurseries, daycare, etc.) such as the USDA Foods for Child Nutrition Programs".
Manufacturer Name	Manufacturer Name	manufacturer/name	R	
GTIN	Item ID	gtin	R	
GTIN Type	GS1 Trade Item ID Key Code	gs1TradeItemIdentificationKey/code	R	If gs1TradeItemIdentificationKey/code is not null, then gs1TradeItemIdentificationKey/value must not be null.
GTIN Type	GS1 Trade Item ID Key Value	gs1TradeItemIdentificationKey/value	R	If gs1TradeItemIdentificationKey/value is not null, then gs1TradeItemIdentificationKey/code must not be null.
Data Carrier Type Code	Data Carrier Type Code	dataCarrier/dataCarrierTypeCode	CR	
FNS Material Number	FNS Material Number	fnsMaterialNumber	R FNS	List of Material numbers can be found at List of Materials Required to be Entered into GDSN
FNS Material Description	FNS Material Description	fnsMaterialDescription	O FNS	List of Material descriptions can be found at List of Materials Required to be Entered into GDSN
Brand GLN	Brand Owner GLN	brandOwnerGLN	R	
Brand Owner	Brand Owner Name	brandOwnerName	R FNS	
Brand Name	Brand Name	brandName	R FNS	
Sub Brand	Sub Brand	subBrand	O	

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USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
Brand Distribution Type	Brand Distribution Type	brandDistributionType	O	
Brand Distribution Type	Brand Distribution Trade Item Type	brandDistributionTradeItemType	O	
Product Type	Product Type	productType	R	
Product Code Type	Alternate Item Identification Agency	alternateItemIdentification/agency	R	If isConsumerUnit is true, then there must be one iteration of alternateItemIdentification/agency populated with "90"
Product Code	Alternate Item Identification ID	alternateItemIdentification/id	R	If alternateItemIdentification/id is not null, then alternateItemIdentification/agency must not be null
GPC Code	GPC Code	globalClassificationCategory/code	R	
Functional Name	Functional Name	functionalName	R	One instance must have a qualifier of "en"
English Product Name Long	Product Description	productDescription	R	One instance must have a qualifier of "en"
English Product Name Short	Short Description / POS Desc. 1	shortDescription	R	One instance must have a qualifier of "en"
Effective Date	Effective Date	effectivedate	R	
Cancel Date	Canceled Date	cancelDate	O	
Item Availability Date	Start Availability Date	startAvailabilityDate	R	
Shelf Life from Production	Min Product Lifespan from Production	minimumTradeItemLifespanFromProduction	O	
Vendor Discontinue Date	Discontinued Date	discontinuedDate	O	
Is it a Base Unit	Base Unit Indicator	isBaseUnit	R	
Is it a Consumer Unit	Consumer Unit Indicator	isConsumerUnit	CR	
Is Trade Item Orderable	Ordering Unit Indicator	isOrderableUnit	R	
Is Trade Item Shipping Unit	Dispatch Unit Indicator	isDispatchUnit	CR	
Is it an Invoice Unit	Invoice Unit Indicator	isInvoiceUnit	CR	
Individual Unit Maximum	Individual Unit Max	individualUnitMax	CR	If isConsumerUnit is true, then if netContent is null and packagingInformation/shippingContainerQuantityDescription is null then either or both individualUnitMin or individualUnitMax must not be null
Individual Unit Minimum	Individual Unit Min	individualUnitMin	CR	If isConsumerUnit is true, then if netContent is null and packagingInformation/shippingContainerQuantityDescription is null then either or both individualUnitMin or individualUnitMax must not be null
Purchasing Pack Size Description	Shipping Container Quantity Description	packagingInformation/shippingContainerQuantityDescription	CR	If isConsumerUnit is true, then if individualUnitMin is null and individualUnitMax is null and if netContent is null, then packagingInformation/shippingContainerQuantityDescription must not be null

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USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
Is packaging marked as Returnable	Packaging Marked Returnable	packagingMarkedReturnable	O	
Packaging Type Code	Packaging Type Code	packagingInformation/packagingTypeCode	CR	Either packagingInformation/packagingTypeCode or packagingInformation/platformTypeCode must not be null if any attributes in the packagIngInformation group are not null.
Platform Type Code	Platform Type Code	packagingInformation/platformTypeCode	CR	Either packagingInformation/packagingTypeCode or packagingInformation/platformTypeCode must not be null if any attributes in the packagIngInformation group are not null.
Name of Next Lower Package Level	Child GTIN	link/gtin	CR	If isBaseUnit= FALSE the Name of Next Lower Package Level must be not null
Number of Next Lower Level GTINs	Quantity Of Children	link/quantity	CR	If isBaseUnit= FALSE the Quantity Of Children must be not null and >0
Unit Quantity	Quantity of Next Level Item(s)	totalQuantityOfNextLowerTradeItem	R	If isBaseUnit is FALSE, then totalQuantityOfNextLowerTradeItem must be not null and must be greater than 0
Unit Quantity	Inner Pack	innerPack	O	
Unit Size	Net Content	netContent	CR	If individualUnitMin is null or if individualUnitMax is null, then netContent must not be null If isConsumerUnit is TRUE, then netContent must not be null.
Unit Size Unit of Measure	Net Content UOM	netContentUOM	CR	If individualUnitMin is null or if individualUnitMax is null, then netContent must not be null If isConsumerUnit is TRUE, then netContent must not be null.
Length	Depth	depth	R	
Height	Height	height	R	
Width	Width	width	R	
Catch/Random Weight	Variable Weight Trade Item	isVariableWeightItem	R	
Gross Weight	Gross Weight	grossWeight	R	
Net Weight	Net Weight	netWeight	R	
Drained Weight	Drained Weight	drainedWeight	O	

3.2 Food and Beverage Information

USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
Ingredients	Ingredient Statement	ingredientStatement/statement	R FNS	Information on the constituent ingredient makeup of the product specified as one string. One instance must have a qualifier of "en"
Ingredients	Sequence Number	ingredientStatement/sequenceNumber	CR	
Ingredients	Ingredient Name	foodAndBevIngredient/ingredientName	O FNS	Text field indicating one ingredient or ingredient group (according to regulations of the target market). Ingredients include any

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				additives (colourings, preservatives, e-numbers, etc) that are encompassed.
Ingredients	Ingredient Sequence	foodAndBevIngredient/ingredientSequence	O	
Kosher, Vegan, Vegetarian, Halal	Diet Type Code	foodAndBevDietTypeInfo/dietTypeCode	O FNS	
Kosher, Vegan, Vegetarian, Halal	Diet Type Subcode	foodAndBevDietTypeInfo/dietTypeSubcode	O FNS	
Kosher, Vegan, Vegetarian, Halal Certification Agency	Certification Agency	foodAndBevDietTypeInfo/dietTypeCertificationAgency	O FNS	Name of the organization issuing the certification standard or other requirement being met. Free text field. Example: European Union.
Kosher, Vegan, Vegetarian, Halal Certification Identification	Certification Identification	foodAndBevDietTypeInfo/certification/certificationIdentification	O FNS	A reference issued to confirm that something has passed certification.
Preparation Type	Preparation Type	foodAndBevPreparationInfo/preparationType	O	
USDA Nutrient Database #	Food Composition Code	foodBeverageComposition/foodBeverageCompositionCode	O	If foodBeverageComposition/foodBeverageCompositionCode is not null, then foodBeverageComposition/foodBeverageCompositionDatabaseCode must not be null If foodBeverageComposition/foodBeverageCompositionDatabaseCode is "USDA" and foodBeverageComposition/foodBeverageCompositionCode is not null, then ALL validations against attributes in the nutrientInformation group are to be ignored.
USDA Nutrient Database #	Food Composition Agency Name Code	foodBeverageComposition/foodBeverageCompositionDatabaseCode	O	If foodBeverageComposition/foodBeverageCompositionDatabaseCode is "USDA" and foodBeverageComposition/foodBeverageCompositionCode is not null, then ALL validations against attributes in the nutrientInformation group are to be ignored. If foodBeverageComposition/foodBeverageCompositionCode is not null, then foodBeverageComposition/foodBeverageCompositionDatabaseCode must not be null
Preparation and Cooking Suggestions	Preparation Instructions	foodAndBevPreparationInfo/preparationInstructions	O	

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3.3 Nutrient Information

USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
Nutrient Format Type Code Reference	Nutrient Format Type Code Reference	nutrientFormatTypeCodeReference	0	
Nutrient Format Type Code Reference Code	Nutrient Format Type Code Reference Code	nutrientFormatTypeCodeReference/code	0 FNS	This attribute is used to indicate different format of Nutrition Facts Panel (NFP). Once populated, specific validations would be triggered to ensure required nutrition information is provided per NFP format.
Nutrient Relevant Data Provided	Nutrient Relevant Data Provided?	nutrientRelevantDataProvided	0	If nutrientRelevantDataProvided is true, then ignore all validations for attributes in the nutrientInformation group
Nutrient Basis Quantity Description	Nutrient Basis Quantity Description	nutrientInformation/nutrientBasisQuantityDescription	CR FNS	
Daily Value Intake Reference	Daily Value Intake Reference	nutrientInformation/dailyValueIntakeReference	CR FNS	
Description On Nutrient Qualifier	Description On Nutrient Qualifier	nutrientInformation/nutrientDetail/descriptionOnNutrientQualifier	CR	
Expressed As Part Of	Expressed As Part Of	nutrientInformation/nutrientDetail/expressedAsPartOf	CR	
Is Nutrient On Front Of Package	Is Nutrient On Front Of Package	nutrientInformation/nutrientDetail/isNutrientOnFrontOfPackage	CR	
Nutrient Source	Nutrient Source	nutrientInformation/nutrientDetail/nutrientSource	CR	
Nutrient Value Derivation Code	Nutrient Value Derivation Code	nutrientInformation/nutrientDetail/nutrientValueDerivationCode	CR	
Preparation State	Preparation State	nutrientInformation/preparationStateCode	CR	If any attribute in the nutrientInformation group is not null, then nutrientInformation/preparationStateCode must not be null
Serving Size	Serving Size	nutrientInformation/servingSize	R FNS	If isConsumerUnit is true, then One instance must be in GRM or OZI or OZA or MLT
Serving Size Description	Serving Size Description	nutrientInformation/servingSizeDescription	R FNS	One instance must have a qualifier of "en"
Number Of Servings Per Package	Number Of Servings Per Package	numberOfServingsPerPackage	CR FNS	The total number of servings contained in the package.
Measurement Precision Of Number Of Servings Per Package	Measurement Precision Of Number Of Servings Per Package	measurementPrecisionOfNumberOfServingsPerPackage	CR FNS	Code indicating whether the number of servings per package is exact or approximate
Servings Per Package Description	Servings Per Package Description	nutrientInformation/servingsPerPackageDescription	CR FNS	
Nutrient Basis Quantity Type Code	Nutrient Basis Quantity Type Code	nutrientInformation/nutrientBasisQuantityTypeCode	CR	If Consumer Unit (isConsumerUnit) is True and one instance of Nutrient Basis Quantity Type Code (nutrientInformation/nutrientBasisQuantityTypeCode) is not BY_CHILD_NUTRITION_SERVING, then WARNING: One instance

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USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
				of the nutrients must be based on the Child Nutrition Serving Size (where Nutrient Basis Quantity Type Code (nutrientInformation/nutrientBasisQuantityTypeCode) is By Child Nutrition Serving (BY_CHILD_NUTRITION_SERVING)).
Nutrient Basis Quantity	Nutrient Basis Quantity	nutrientInformation/nutrientBasisQuantity	CR	
Added Sugar	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O FNS	If Consumer Unit Indicator (isConsumerUnit) is true and one instance of Nutrient Type Code (nutrientInformation/nutrientDetail/nutrientTypeCode) is not "(SUGAD) sugar, added" (SUGAD), then PUBLICATION IMPACT: One instance of Nutrient Type Code (nutrientInformation/nutrientDetail/nutrientTypeCode) must be "(SUGAD) sugar, added" (SUGAD) for each loop of nutrientInformation.
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	CR FNS	If nutrientInformation/nutrientDetail/nutrientTypeCode is SUGAD, then nutrientInformation/nutrientDetail/quantityContained must not be null
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	CR FNS	If nutrientInformation/nutrientDetail/nutrientTypeCode is SUGAD and if nutrientInformation/nutrientDetail/quantityContained is not null, then nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null
Caffeine (mg)	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is CAFFN, then nutrientInformation/nutrientDetail/quantityContained must not be null
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is CAFFN, then nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null
Calcium % Daily Value (DV) USA	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	CR	If isConsumerUnit is true, then There must exist one instance of nutrientInformation/nutrientDetail/nutrientTypeCode with a value of CA
	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is CA then nutrientInformation/nutrientDetail/dailyValueIntakePercent must not be null
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is CA, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null
Calcium (mg)	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O FNS	If isConsumerUnit is true, then There must exist one instance of nutrientInformation/nutrientDetail/nutrientTypeCode with a value of CA for each loop of nutrientInformation

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USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	CR FNS	<p>If nutrientInformation/nutrientBasisQuantityTypeCode is BY_SERVING and nutrientInformation/nutrientDetail/nutrientTypeCode is CA then Where nutrientFormatTypeCodeReference/code is US_FDA_NFP_2020_STANDARD, US_FDA_NFP_2020_TABULAR, US_FDA_NFP_2020_STANDARD_VOLUNTARY_ELEMENTS, US_FDA_NFP_2020_STANDARD_SIDE_BY_SIDE, US_FDA_NFP_2020_AGGREGATE, US_FDA_NFP_2020_DUAL_COLUMN, US_FDA_NFP_2020_DUAL_COLUMN_TWO_FORMS, US_FDA_NFP_2020_TABULAR_DUAL_COLUMN, US_FDA_NFP_2020_SIMPLIFIED, US_FDA_NFP_2020_STANDARD_INFANTS_TO_12_MONTHS, US_FDA_NFP_2020_STANDARD_CHILDREN_1_3_YEARS, US_FDA_NFP_2020_TABULAR_SMALL_PACKAGES, US_FDA_NFP_2020_LINEAR_SMALL_PACKAGES, nutrientInformation/nutrientDetail/quantityContained and nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null</p> <p>If nutrientInformation/nutrientBasisQuantityTypeCode is BY_MEASURE and nutrientInformation/nutrientDetail/nutrientTypeCode is CA then nutrientInformation/nutrientDetail/quantityContained and nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null</p>
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	CR FNS	If nutrientInformation/nutrientDetail/quantityContained is not null, then nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null
Calories (Cal)	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	CR FNS	If isConsumerUnit is true, then There must exist one instance of nutrientInformation/nutrientDetail/nutrientTypeCode with a value of ENER- or ENERA or ENERC
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	CR FNS	If nutrientInformation/nutrientDetail/nutrientTypeCode is ENER- or ENERA or ENERC and if nutrientInformation/nutrientDetail/quantityContained is not null, then nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	CR FNS	If nutrientInformation/nutrientDetail/nutrientTypeCode is ENER- or ENERA or ENERC, then nutrientInformation/nutrientDetail/quantityContained must not be null

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USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
Calories from Fat (Cal)	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	CR	If isConsumerUnit is true, then Required- Where nutrientFormatTypeCodeReference/code is US_FDA_NFP_PRE_2020_AGGREGATE, US_FDA_NFP_PRE_2020_STANDARD, US_FDA_NFP_PRE_2020_TABULAR, US_FDA_NFP_PRE_2020_DUAL_COLUMN, US_FDA_NFP_PRE_2020_LINEAR, then one instance of nutrientInformation/nutrientDetail/nutrientTypeCode must be ENERPF
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is ENERPF, then nutrientInformation/nutrientDetail/quantityContained must not be null
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is ENERPF and if nutrientInformation/nutrientDetail/quantityContained is not null, then nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null
Carbohydrates	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	CR FNS	If isConsumerUnit is true, then There must exist one instance of nutrientInformation/nutrientDetail/nutrientTypeCode with a value of CHO-
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	CR FNS	If nutrientInformation/nutrientDetail/nutrientTypeCode is CHO-, then nutrientInformation/nutrientDetail/quantityContained must not be null
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	CR FNS	If nutrientInformation/nutrientDetail/nutrientTypeCode is CHO- and if nutrientInformation/nutrientDetail/quantityContained is not null, then nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null
Carbohydrates % Daily Value (DV) USA	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	CR	If isConsumerUnit is true, then There must exist one instance of nutrientInformation/nutrientDetail/nutrientTypeCode with a value of CHO-
	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is CHO-, then nutrientInformation/nutrientDetail/dailyValueIntakePercent must not be null
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is CHO-, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null
Cholesterol (mg)	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	CR FNS	If isConsumerUnit is true, then There must exist one instance of nutrientInformation/nutrientDetail/nutrientTypeCode with a value of CHOLM or CHOLME or CHOLC or CHOLE or CHOL-

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USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	CR FNS	If nutrientInformation/nutrientDetail/nutrientTypeCode is CHOLM or CHOLME or CHOLC or CHOLE or CHOL-, then nutrientInformation/nutrientDetail/quantityContained must not be null
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	CR FNS	If nutrientInformation/nutrientDetail/nutrientTypeCode is CHOLM or CHOLME or CHOLC or CHOLE or CHOL- and if nutrientInformation/nutrientDetail/quantityContained is not null, then nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null
Cholesterol % Daily Value (DV) USA	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	CR	If isConsumerUnit is true, then There must exist one instance of nutrientInformation/nutrientDetail/nutrientTypeCode with a value of CHOLM or CHOLME or CHOLC or CHOLE or CHOL-
	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	CR	If nutrientInformation/nutrientBasisQuantityTypeCode is BY_SERVING and nutrientInformation/nutrientDetail/nutrientTypeCode is CHOLM or CHOLME or CHOLC or CHOLE or CHOL-, then nutrientInformation/nutrientDetail/dailyValueIntakePercent must not be null
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is CHOLM or CHOLME or CHOLC or CHOLE or CHOL-, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null
Copper % Daily Value (DV) USA	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is CU, then nutrientInformation/nutrientDetail/dailyValueIntakePercent must not be null
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is CU, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null
Insoluble Fibre	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is FIBINS, then nutrientInformation/nutrientDetail/quantityContained must not be null
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is FIBINS and if nutrientInformation/nutrientDetail/quantityContained is not null, then nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null

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USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
Insoluble Fibre % Daily Value (DV) USA	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is FIBINS, then nutrientInformation/nutrientDetail/dailyValueIntakePercent must not be null
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is FIBINS, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null
Iodine % Daily Value (DV) USA	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is ID then nutrientInformation/nutrientDetail/dailyValueIntakePercent must not be null
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is ID, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null
Iron (mg)	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	CR FNS	Where nutrientFormatTypeCodeReference/code is US_FDA_NFP_2020_STANDARD, US_FDA_NFP_2020_TABULAR, US_FDA_NFP_2020_STANDARD_VOLUNTARY_ELEMENTS, US_FDA_NFP_2020_STANDARD_SIDE_BY_SIDE, US_FDA_NFP_2020_AGGREGATE, US_FDA_NFP_2020_DUAL_COLUMN, US_FDA_NFP_2020_DUAL_COLUMN_TWO_FORMS, US_FDA_NFP_2020_TABULAR_DUAL_COLUMN, US_FDA_NFP_2020_SIMPLIFIED, US_FDA_NFP_2020_STANDARD_INFANTS_TO_12_MONTHS, US_FDA_NFP_2020_STANDARD_CHILDREN_1_3_YEARS, US_FDA_NFP_2020_TABULAR_SMALL_PACKAGES, US_FDA_NFP_2020_LINEAR_SMALL_PACKAGES, then one instance of nutrientInformation/nutrientDetail/nutrientTypeCode must be FE or FE2+ or FE3+ or FEMFP or FERAC or HAEM or NHAEM
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	CR FNS	If nutrientInformation/nutrientDetail/nutrientTypeCode is FE3+ or FE2+ or FERAC or HAEM or NHAEM or FE or FEMFP, then nutrientInformation/nutrientDetail/quantityContained must not be null
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	CR FNS	If nutrientInformation/nutrientDetail/nutrientTypeCode is FE3+ or FE2+ or FERAC or HAEM or NHAEM or FE or FEMFP and if nutrientInformation/nutrientDetail/quantityContained is not null, then nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null

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USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
Iron % Daily Value (DV) USA	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	CR	If isConsumerUnit is true, then There must exist one instance of nutrientInformation/nutrientDetail/nutrientTypeCode with a value of FE3+ or FE2+ or FERAC or HAEM or NHAEM or FE or FEMFP
	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is FE3+ or FE2+ or FERAC or HAEM or NHAEM or FE or FEMFP, then nutrientInformation/nutrientDetail/dailyValueIntakePercent must not be null
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is FE3+ or FE2+ or FERAC or HAEM or NHAEM or FE or FEMFP, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null
Magnesium % Daily Value (DV) USA	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is MG, then nutrientInformation/nutrientDetail/dailyValueIntakePercent must not be null
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is MG, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null
Monounsaturated Fat (g)	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is FAMS or FAMSCIS or FAMSF, then nutrientInformation/nutrientDetail/quantityContained
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is FAMS or FAMSCIS or FAMSF and if nutrientInformation/nutrientDetail/quantityContained is not null, then nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null
Monounsaturated Fat % Daily Value (DV) USA	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	O	
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	O	If nutrientInformation/nutrientDetail/dailyValueIntakePercent is not null, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null
	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	

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USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
Niacin % Daily Value (DV) USA	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is NIA or NIAEQ or NIAAVL, then nutrientInformation/nutrientDetail/dailyValueIntakePercent must not be null
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is NIA or NIAEQ or NIAAVL, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null
Omega 3 Acids (mg)	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is FACN3 or FAN3 or FAPUN3 or FAPUN3F or FAPUN3FI or FAPUN3VE, then nutrientInformation/nutrientDetail/quantityContained must not be null
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is FACN3 or FAN3 or FAPUN3 or FAPUN3F or FAPUN3FI or FAPUN3VE and if nutrientInformation/nutrientDetail/quantityContained is not null, then nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null
Omega 6 Acids (mg)	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is FACN6 or FAN6 or FAPUN6 or FAPUN6F, then nutrientInformation/nutrientDetail/quantityContained must not be null
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is FACN6 or FAN6 or FAPUN6 or FAPUN6F and if nutrientInformation/nutrientDetail/quantityContained is not null, then nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null
Other Carbohydrates	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is CHOAVL or CHOAVLM or CHOAVLDF or CHOAVL-, then (Nutrient Quantity Contained or Percentage of Daily Value Intake) Not null
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is CHOAVL or CHOAVLM or CHOAVLDF or CHOAVL- and if nutrientInformation/nutrientDetail/quantityContained is not null, then

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USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
				nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null
Other Carbohydrates % Daily Value (DV) USA	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is CHOAVL or CHOAVLM or CHOAVLDF or CHOAVL-, then (Nutrient Quantity Contained or Percentage of Daily Value Intake) Not null
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is CHOAVL or CHOAVLM or CHOAVLDF or CHOAVL-, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null
Pantothenic Acid	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is PANTAC, then nutrientInformation/nutrientDetail/quantityContained must not be null
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is PANTAC and if nutrientInformation/nutrientDetail/quantityContained is not null, then nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null
Phosphorous (mg)	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is P, then nutrientInformation/nutrientDetail/quantityContained must not be null
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is P and if nutrientInformation/nutrientDetail/quantityContained is not null, then nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null
Phosphorous % Daily Value (DV) USA	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is P, then nutrientInformation/nutrientDetail/dailyValueIntakePercent must not be null
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is P, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null
Polyunsaturated Fat (g)	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	

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USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is FAPULC or FAPUCIS or FAPUN3FI or FAPUN3VE or FAPUN6 or FAPU or FAPUF, then nutrientInformation/nutrientDetail/quantityContained must not be null
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is FAPULC or FAPUCIS or FAPUN3FI or FAPUN3VE or FAPUN6 or FAPU or FAPUF and if nutrientInformation/nutrientDetail/quantityContained is not null, then nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null
Polyunsaturated % Daily Value (DV) USA	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	O	
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is P, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null
Potassium (mg)	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	CR FNS	Where nutrientFormatTypeCodeReference/code is US_FDA_NFP_2020_STANDARD, US_FDA_NFP_2020_TABULAR, US_FDA_NFP_2020_STANDARD_VOLUNTARY_ELEMENTS, US_FDA_NFP_2020_STANDARD_SIDE_BY_SIDE, US_FDA_NFP_2020_AGGREGATE, US_FDA_NFP_2020_DUAL_COLUMN, US_FDA_NFP_2020_DUAL_COLUMN_TWO_FORMS, US_FDA_NFP_2020_TABULAR_DUAL_COLUMN, US_FDA_NFP_2020_SIMPLIFIED, US_FDA_NFP_2020_STANDARD_INFANTS_TO_12_MONTHS, US_FDA_NFP_2020_STANDARD_CHILDREN_1_3_YEARS, US_FDA_NFP_2020_TABULAR_SMALL_PACKAGES, US_FDA_NFP_2020_LINEAR_SMALL_PACKAGES, then one instance of nutrientInformation/nutrientDetail/nutrientTypeCode must be K
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	CR FNS	If nutrientInformation/nutrientDetail/nutrientTypeCode is K, then nutrientInformation/nutrientDetail/quantityContained must not be null
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	CR FNS	If nutrientInformation/nutrientDetail/nutrientTypeCode is K and if nutrientInformation/nutrientDetail/quantityContained is not null, then nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null
Potassium % Daily Value (DV) USA	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	CR	Where nutrientFormatTypeCodeReference/code is US_FDA_NFP_2020_STANDARD, US_FDA_NFP_2020_TABULAR, US_FDA_NFP_2020_STANDARD_VOLUNTARY_ELEMENTS,

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USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
				US_FDA_NFP_2020_STANDARD_SIDE_BY_SIDE, US_FDA_NFP_2020_AGGREGATE, US_FDA_NFP_2020_DUAL_COLUMN, US_FDA_NFP_2020_DUAL_COLUMN_TWO_FORMS, US_FDA_NFP_2020_TABULAR_DUAL_COLUMN, US_FDA_NFP_2020_SIMPLIFIED, US_FDA_NFP_2020_STANDARD_INFANTS_TO_12_MONTHS, US_FDA_NFP_2020_STANDARD_CHILDREN_1_3_YEARS, US_FDA_NFP_2020_TABULAR_SMALL_PACKAGES, US_FDA_NFP_2020_LINEAR_SMALL_PACKAGES, then one instance of nutrientInformation/nutrientDetail/nutrientTypeCode must be K
	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is K, then nutrientInformation/nutrientDetail/dailyValueIntakePercent must not be null
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is K, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null
Protein (g)	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	CR FNS	If isConsumerUnit is true, then There must exist one instance of nutrientInformation/nutrientDetail/nutrientTypeCode with a value of PROTMFP or PROT or PROCNA or PROCNP or PROCNT or PROA or PRO-
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	CR FNS	If nutrientInformation/nutrientDetail/nutrientTypeCode is PROTMFP or PROT or PROCNA or PROCNP or PROCNT or PROA or PRO-, then nutrientInformation/nutrientDetail/quantityContained must not be null
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	CR FNS	If nutrientInformation/nutrientDetail/nutrientTypeCode is PROTMFP or PROT or PROCNA or PROCNP or PROCNT or PROA or PRO- and if nutrientInformation/nutrientDetail/quantityContained is not null, then nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null
RiboflavinB2 (mg)	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is RIBF, then nutrientInformation/nutrientDetail/quantityContained must not be null
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is RIBF and if nutrientInformation/nutrientDetail/quantityContained is not null, then nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null

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USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
Riboflavin % Daily Value (DV) USA	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is RIBF, then nutrientInformation/nutrientDetail/dailyValueIntakePercent must not be null
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is RIBF, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null
Saturated Fat (g)	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O FNS	
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	CR FNS	If nutrientInformation/nutrientDetail/nutrientTypeCode is FASAT or FASATF, then nutrientInformation/nutrientDetail/quantityContained must not be null
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	CR FNS	If nutrientInformation/nutrientDetail/nutrientTypeCode is NA and if nutrientInformation/nutrientDetail/quantityContained is not null, then nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null
Saturated Fat % Daily Value (DV) USA	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is FASAT or FASATF, then nutrientInformation/nutrientDetail/dailyValueIntakePercent must not be null
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is FASAT or FASATF, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null
Sodium (mg)	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	CR FNS	If isConsumerUnit is true, then There must exist one instance of nutrientInformation/nutrientDetail/nutrientTypeCode with a value of NA
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	CR FNS	If nutrientInformation/nutrientDetail/nutrientTypeCode is NA, then nutrientInformation/nutrientDetail/quantityContained must not be null
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	CR FNS	If nutrientInformation/nutrientDetail/nutrientTypeCode is NA and if nutrientInformation/nutrientDetail/quantityContained is not null, then nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null

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USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
Sodium % Daily Value (DV) USA	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	CR	If isConsumerUnit is true, then There must exist one instance of nutrientInformation/nutrientDetail/nutrientTypeCode with a value of NA
	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is NA, then nutrientInformation/nutrientDetail/dailyValueIntakePercent must not be null
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is NA, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null
Soluble Fiber % Daily Value (DV) USA	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is FIBSOL, then nutrientInformation/nutrientDetail/dailyValueIntakePercent must not be null
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is FIBSOL, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null
Thiamin % Daily Value (DV) USA	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is THIA, then nutrientInformation/nutrientDetail/dailyValueIntakePercent must not be null
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is THIA, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null
Total Dietary Fiber (g)	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	CR FNS	If isConsumerUnit is true, then There must exist one instance of nutrientInformation/nutrientDetail/nutrientTypeCode with a value of FIBTSW or FIBTS or FIBTG or FIB-
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	CR FNS	If nutrientInformation/nutrientDetail/nutrientTypeCode is FIBTSW or FIBTS or FIBTG, then nutrientInformation/nutrientDetail/quantityContained must not be null
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	CR FNS	If nutrientInformation/nutrientDetail/nutrientTypeCode is FIBTSW or FIBTS or FIBTG or FIB- and if nutrientInformation/nutrientDetail/quantityContained is not null, then nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null

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USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
Total Dietary Fiber % Daily Value (DV) USA	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	CR	If isConsumerUnit is true, then There must exist one instance of nutrientInformation/nutrientDetail/nutrientTypeCode with a value of FIBTSW or FIBTS or FIBTG or FIB-
	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is FIBTSW or FIBTS or FIBTG or FIB-, then nutrientInformation/nutrientDetail/dailyValueIntakePercent must not be null
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is FIBTSW or FIBTS or FIBTG or FIB-, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null
Total Fat (g)	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	CR FNS	If isConsumerUnit is true, then There must exist one instance of nutrientInformation/nutrientDetail/nutrientTypeCode with a value of FATAN or FATCPL or FAT or FATCE or FAT- or F4D0 or FACID
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	CR FNS	If nutrientInformation/nutrientDetail/nutrientTypeCode is FATAN or FATCPL or FAT or FATCE or FAT- or F4D0 or FACID, then nutrientInformation/nutrientDetail/quantityContained must not be null
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	CR FNS	If nutrientInformation/nutrientDetail/nutrientTypeCode is FATAN or FATCPL or FAT or FATCE or FAT- or F4D0 or FACID and if nutrientInformation/nutrientDetail/quantityContained is not null, then nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null
Total Fat % Daily Value (DV) USA	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	CR	If isConsumerUnit is true, then There must exist one instance of nutrientInformation/nutrientDetail/nutrientTypeCode with a value of FATAN or FATCPL or FAT or FATCE or FAT- or F4D0 or FACID
	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is FATAN or FATCPL or FAT or FATCE or FAT- or F4D0 or FACID, then nutrientInformation/nutrientDetail/dailyValueIntakePercent must not be null
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is FATAN or FATCPL or FAT or FATCE or FAT- or F4D0 or FACID, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null
Folate (mcg)	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is FOLFD or FOL- or FOLC or FOLDFE or FOLFRE or FOL, then nutrientInformation/nutrientDetail/quantityContained must not be null

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USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is FOLFD or FOL- or FOLC or FOLDFE or FOLFRE or FOL and if nutrientInformation/nutrientDetail/quantityContained is not null, then nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null
Total Folate % Daily Value (DV) USA	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is FOLFD or FOL- or FOLC or FOLDFE or FOLFRE or FOL, then nutrientInformation/nutrientDetail/dailyValueIntakePercent must not be null
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is FOLFD or FOL- or FOLC or FOLDFE or FOLFRE or FOL, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null
Total Sugar (g)	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	CR FNS	If isConsumerUnit is true, then There must exist one instance of nutrientInformation/nutrientDetail/nutrientTypeCode with a value of SUGAN or SUGNRD or SUGRD or SUGAR- or SUGAR or SUGARM
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	CR FNS	If nutrientInformation/nutrientDetail/nutrientTypeCode is SUGAN or SUGNRD or SUGRD or SUGAR- or SUGAR or SUGARM, then nutrientInformation/nutrientDetail/quantityContained must not be null
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	CR FNS	If nutrientInformation/nutrientDetail/nutrientTypeCode is SUGAN or SUGNRD or SUGRD or SUGAR- or SUGAR or SUGARM and if nutrientInformation/nutrientDetail/quantityContained is not null, then nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null
Transfatty Acids (g)	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	CR FNS	If isConsumerUnit is true, then There must exist one instance of nutrientInformation/nutrientDetail/nutrientTypeCode with a value of FADT or FATRN or FATRNF or FATRNM or FATRNP
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	CR FNS	If nutrientInformation/nutrientDetail/nutrientTypeCode is FADT or FATRN or FATRNF or FATRNM or FATRNP, then nutrientInformation/nutrientDetail/quantityContained must not be null
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	CR FNS	If nutrientInformation/nutrientDetail/nutrientTypeCode is FADT or FATRN or FATRNF or FATRNM or FATRNP and if nutrientInformation/nutrientDetail/quantityContained is not null, then nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null

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USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
Vitamin A (IU)	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	O	MassEnergyVolumeInfoStorageUOM
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	O	
Vitamin A IU % Daily Value (DV) USA	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	CR	If isConsumerUnit is true, then Required- Where nutrientFormatTypeCodeReference/code is US_FDA_NFP_PRE_2020_AGGREGATE, US_FDA_NFP_PRE_2020_STANDARD, US_FDA_NFP_PRE_2020_TABULAR, US_FDA_NFP_PRE_2020_DUAL_COLUMN, US_FDA_NFP_PRE_2020_LINEAR, then one instance of nutrientInformation/nutrientDetail/nutrientTypeCode must be VITA or VITA- or VITAA or VITAACT or VITAAPAL
	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	CR	if nutrientInformation/nutrientDetail/nutrientTypeCode is VITA- or VITAA or VITA or VITAACT or VITAPAL, then nutrientInformation/nutrientDetail/dailyValueIntakePercent must not be null
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is VITA- or VITAA or VITA or VITAACT or VITAPAL, and nutrientInformation/nutrientDetail/dailyValueIntakePercent is not null, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null
Vitamin B12 % Daily Value (DV) USA	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is VITB12, then nutrientInformation/nutrientDetail/dailyValueIntakePercent must not be null
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is VITB12, and nutrientInformation/nutrientDetail/dailyValueIntakePercent is not null, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null
Vitamin B6 % Daily Value (DV) USA	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is VITB6-, then nutrientInformation/nutrientDetail/dailyValueIntakePercent must not be null

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USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is VITB6-, and nutrientInformation/nutrientDetail/dailyValueIntakePercent is not null, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null
Vitamin C % Daily Value (DV) USA	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	CR	If isConsumerUnit is true, then Required- Where nutrientFormatTypeCodeReference/code is US_FDA_NFP_PRE_2020_AGGREGATE, US_FDA_NFP_PRE_2020_STANDARD, US_FDA_NFP_PRE_2020_TABULAR, US_FDA_NFP_PRE_2020_DUAL_COLUMN, US_FDA_NFP_PRE_2020_LINEAR, then one instance of nutrientInformation/nutrientDetail/nutrientTypeCode must be VITC or VITC-
	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is VITC- or VITC, then nutrientInformation/nutrientDetail/dailyValueIntakePercent must not be null
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is VITC- or VITC, and nutrientInformation/nutrientDetail/dailyValueIntakePercent is not null, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null
Vitamin C (mg)	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	O	
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/quantityContained is not null, then nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null
Vitamin D (mcg)	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O FNS	
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	CR FNS	If nutrientInformation/nutrientDetail/nutrientTypeCode is VITD or VITD- or VITDA or VITDEQ, then nutrientInformation/nutrientDetail/quantityContained must not be null
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	CR FNS	If nutrientInformation/nutrientDetail/nutrientTypeCode is VITD or VITD- or VITDA or VITDEQ and if nutrientInformation/nutrientDetail/quantityContained is not null, then

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USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
				nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null
Vitamin D % Daily Value (DV) USA	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	CR	If isConsumerUnit is true, then Required- Where nutrientFormatTypeCodeReference/code is US_FDA_NFP_2020_STANDARD, US_FDA_NFP_2020_TABULAR, US_FDA_NFP_2020_STANDARD_VOLUNTARY_ELEMENTS, US_FDA_NFP_2020_STANDARD_SIDE_BY_SIDE, US_FDA_NFP_2020_AGGREGATE, US_FDA_NFP_2020_DUAL_COLUMN, US_FDA_NFP_2020_DUAL_COLUMN_TWO_FORMS, US_FDA_NFP_2020_TABULAR_DUAL_COLUMN, US_FDA_NFP_2020_SIMPLIFIED, US_FDA_NFP_2020_STANDARD_INFANTS_TO_12_MONTHS, US_FDA_NFP_2020_STANDARD_CHILDREN_1_3_YEARS, US_FDA_NFP_2020_TABULAR_SMALL_PACKAGES, US_FDA_NFP_2020_LINEAR_SMALL_PACKAGES, then one instance of nutrientInformation/nutrientDetail/nutrientTypeCode must be VITD or VITD- or VITDA
	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is VITD or VITD- or VITDA or VITDEQ, then nutrientInformation/nutrientDetail/dailyValueIntakePercent must not be null
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is VITD or VITD- or VITDA or VITDEQ, and nutrientInformation/nutrientDetail/dailyValueIntakePercent is not null, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null
Vitamin E % Daily Value (DV) USA	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is (VITE, VITE-, VITEA) then nutrientInformation/nutrientDetail/dailyValueIntakePercent must not be null
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is (VITE, VITE-, VITEA), and nutrientInformation/nutrientDetail/dailyValueIntakePercent is not null, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null
	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	

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USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
Vitamin K % Daily Value (DV) USA	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is VITK ,then nutrientInformation/nutrientDetail/dailyValueIntakePercent must not be null
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is VITK, and nutrientInformation/nutrientDetail/dailyValueIntakePercent is not null, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null
Zinc (mg)	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Nutrient Quantity Contained	nutrientInformation/nutrientDetail/quantityContained	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is ZN, then nutrientInformation/nutrientDetail/quantityContained must not be null
	Measurement Precision	nutrientInformation/nutrientDetail/measurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is ZN and if nutrientInformation/nutrientDetail/quantityContained is not null, then nutrientInformation/nutrientDetail/measurementPrecisionCode must not be null
Zinc % Daily Value (DV) USA	Nutrient Type Code	nutrientInformation/nutrientDetail/nutrientTypeCode	O	
	Percentage of Daily Value Intake	nutrientInformation/nutrientDetail/dailyValueIntakePercent	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is ZN, then nutrientInformation/nutrientDetail/dailyValueIntakePercent must not be null
	Daily Value Intake Percent Measurement Precision Code	nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode	CR	If nutrientInformation/nutrientDetail/nutrientTypeCode is ZN, and nutrientInformation/nutrientDetail/dailyValueIntakePercent is not null, then nutrientInformation/nutrientDetail/dailyValueIntakePercentMeasurementPrecisionCode must not be null

3.4 Allergen Information

USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
Allergen Specification Name	Allergen Specification Name	allergenRelatedInformation/allergenSpecificationName	R	If allergenRelatedInformation/allergenSpecificationName is not null, then allergenRelatedInformation/allergen/allergenTypeCode must not be null
Allergen Specification Agency	Allergen Specification Agency	allergenRelatedInformation/allergenSpecificationAgency	CR	If allergenRelatedInformation/allergenSpecificationAgency is not null, then allergenRelatedInformation/allergen/allergenTypeCode must not be null
Allergen Information	Allergen Type Code	allergenRelatedInformation/allergen/allergenTypeCode	CR FNS	Code indicating the type of allergen. Refer to table 3.4.1 below.

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				If isConsumerUnit is True and allergenRelatedInformation/isAllergenRelevantDataProvided is not True and one instance of Allergen Type Code (allergenRelatedInformation/allergen/allergenTypeCode) does not align to each of the FDA Big 8 + Sesame list of codes (there should be 9 instances to align correctly, one for each category), then PUBLICATION IMPACT: Please provide allergen containment for each of the FDA Allergens (FDA Big 8 plus Sesame).
Allergen Information	Level Of Containment	allergenRelatedInformation/allergen/levelOfContainmentCode	CR FNS	Code indicating the level of presence of the allergen. Refer to table 3.4.2 below. If allergenRelatedInformation/allergen/levelOfContainmentCode is not null, then allergenRelatedInformation/allergen/allergenTypeCode must not be null
Allergen Statement	Allergen Statement	allergenRelatedInformation/allergenStatement	O	If allergenRelatedInformation/allergenStatement is left blank and allergenRelatedInformation/isAllergenRelevantDataProvided is True; this indicates the manufacturer has provided all the allergen information that is available for the product. Manufacturer confirms that all allergen related values not populated are either not relevant or not required to be populated for the product.
Allergen Relevant Data Provided?	Allergen Relevant Data Provided?	allergenRelatedInformation/isAllergenRelevantDataProvided	O	If allergenRelatedInformation/isAllergenRelevantDataProvided is True; this indicates the manufacturer has provided all the allergen information that is available for the product. Manufacturer confirms that all allergen related values not populated are either not relevant or not required to be populated for the product.

3.4.1 ALLERGEN TYPE CODES

Below is a list of the required Allergens which include the FALCPA “Big 8 Allergens” and Sesame. The attribute “Allergen Type Code” is a coded attribute, so please reference the code lists below.

Note: Codes denoted with an asterisk (*) are coming in the GDSN February 2022 release.

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Allergen Category	Allergen Type Code Description	Allergen Type Code	Comments
Eggs	Eggs and Their Derivatives	AE	Definition (includes Common Name): Refers to the presence of eggs and its derivatives in the product - Family/Genus/Species: - Also known as: Ovum - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
Fish	Fish and Their Derivatives	AF	Definition (includes Common Name): Refers to the presence of Fish and its derivatives in the product. - Family/Genus/Species: (various) - Also known as: (various) - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Tuna and its Derivatives	ABD	Definition (includes Common Name): Refers to the presence of Tuna and its derivatives in the product. - Family/Genus/Species: Scombridae subfamily Scombrinae/(various) - Also known as: Albacore, Bigeye Tuna, Black Skipjack, Blackfin Tuna, Bluefin Tuna, Bullet Tuna, Buri, Dogtooth Tuna, Escolar, Frigate Tuna, Kawakawa, Little Tuna, Longtail Tuna, Pacific Bluefin Tuna, Skipjack Tuna, Slender Tuna, Southern Bluefin Tuna, Spotted Tunny, Tuna, Yellowfin Tuna - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Walleye and its Derivatives	ABE	Definition (includes Common Name): Refers to the presence of Walleye and its derivatives in the product. - Family/Genus/Species: Percidae/Sander/S. vitreus - Also known as: Walleye, Yellow Pike, Yellow Pickerel - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Krill and its Derivatives	ABI	Definition (includes Common Name): Refers to the presence of Krill and its derivatives in the product. - Family/Genus/Species: Euphausiacea (various) - Also known as: - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Abalone and its Derivatives	ABN	Definition (includes Common Name): Refers to the presence of Abalone and its derivatives in the product. - Family/Genus/Species: Haliotidae/Haliotis/(various) - Also known as: Abalone, Ear Shells, Sea Ears, Muttonfish, Muttonshells, Ormer, Perlemoen, Pāua, Australian Abalone, Blackfoot Abalone, Blacklip Abalone, Flat Abalone, Giant Abalone, Green Abalone, Greenlip Abalone, Pink Abalone, Pinto Abalone, Pourtale Abalone, Red Abalone, Roe's Abalone, Threaded Abalone, Tube Abalone - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.

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Allergen Category	Allergen Type Code Description	Allergen Type Code	Comments
	Carp and its Derivatives	ACP	Definition (includes Common Name): Refers to the presence of Carp and its derivatives in the product. - Family/Genus/Species: Cyprinidae /Cyprinus/(various) - Also known as: Banded Carpet Shell, Bighead Carp, Black Carp, Blue Morwong, Carp, Common Carp, Crucian Carp, Giant Barb, Golden Carpet Shell, Grass Carp, Grooved Carpet Shell, Large Razorbelly Minnow, Mola Carplet, Mottled Grouper, Mrigal, Mud Carp, Quillback, Reba Carp, River Carpsucker, Rockfish, Rudd, Silver Carp, Small Scaled Mud Carp, Smooth Nylon Shrimp, Ziege - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Bass and its Derivatives	ADB	Definition (includes Common Name): Refers to the presence of Bass and its derivatives in the product. - Family/Genus/Species: Percichthyidae Macquaria novemaculeata/Serranidae Centropristis striata/Nototheniidae Dissostichus eleginoides/Polyprionidae Stereolepis gigas - Also known as: Akamutsu, Antarctic Toothfish, Argentine Sea Bass, Atlantic Creolefish, Bank Sea Bass, Barred Sand Bass, Black Crappie, Black Sea Bass, Blackfin Seabass, Blackmouth Bass, Blacktip Grouper, Choctaw Bass, Common Name, European Sea Bass, European Seabass, Giant Perch, Giant Sea Bass, Guadalupe Bass, Hapuka, Himalayan Glassy Perchlet, Japanese SeabassLargemouth Bass, Japanese Seaperch, Kelp Bass, Largemouth Bass, Longtail Bass, Meagre, Murray Cod, Northern Rockfish, Oscar, Ozark Bass, Pacific Creolefish, Palmetto Bass, Patagonian Toothfish, Peacock Cichlid, Peruvian Sea Bass, Red Drum, Roanoke Bass, Rock Bass, Rock Sea Bass, Sea Bass, Shortfin Corvina, Smallmouth Bass, Splittail Bass, Spotted Bass, Spotted Grouper, Spotted Sand Bass, Striped Bass, Sunshine Bass, Suwannee Bass, Tripletail, Warmouth, White Bass, White Crappie, White Seabass, Wreckfish, Yellow Bass - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Anchovy and its Derivatives	ADC	Definition (includes Common Name): Refers to the presence of Anchovies and its derivatives in the product. - Family/Genus/Species: Engraulidae/(various) - Also known as: Anchoveta, Anchovy, Bay Anchovy, Deepbody Anchovy, Dusky Anchovy, European Anchovy, Flat Anchovy, Japanese Anchovy, Key Anchovy, Moustached Thryssa, New Jersey Anchovy, Northern Anchovy, Ramcarat Grenadier Anchovy, Round Headed Anchovy, Silver Anchovy, Slough Anchovy, Southern Anchovy, Striped Anchovy, Teri Anchovy - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.

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Allergen Category	Allergen Type Code Description	Allergen Type Code	Comments
	Catfish and its Derivatives	ADE	Definition (includes Common Name): Refers to the presence of Catfish and its derivatives in the product. - Family/Genus/Species: (various) - Also known as: Asian Redtail Catfish, Atlantic Wolffish, Bagrid Catfish, Bagrid Catfishes, Black Bullhead, Blue Catfish, Broadhead Catfish, Brown Bullhead, Catfish, Channel Catfish, Couma Sea Catfish, Crucifix Sea Catfish, Flathead Catfish, Flatwhiskered Catfish, Gafftopsail Catfish, Giant Catfish, Giant River Catfish, Gilded Catfish, Gillbacker Sea Catfish, Glass Catfishes, Hardhead Catfish, Hardhead Sea Catfish, Highwaterman Catfish, Hybrid Clarias Catfish, Large Spotted Dogfish, Long Whiskered Catfish, Mekong Giant Catfish, Northern Wolffish, Pabdah Catfish, Pemecou Sea Catfish, Sharptooth Catfish, Spotted Stargazer, Spotted Wolffish, Stinging Catfish, Striped Dwarf Catfish, Sucker Catfishes, Sutchi Catfish, Tiger Sorubim, Walking Catfish, Wels Catfish, White Catfish, Yaqui Catfish, Yellowtail Catfish - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Cod and its Derivatives	ADF	Definition (includes Common Name): Refers to the presence of Cod and its derivatives in the product. - Family/Genus/Species: Gadidae/Gadus/(various) - Also known as: Arctic Cod, Atlantic Cod, Blue Antimora, Common Mora, Greenland Cod, Longfin Codling, Maori Cod, Northern Bastard Codling, Pacific Cod, Polar Cod, Red Cod, Rock Cod, Saffron Cod, Tadpole Mora, Toothed Cod - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Flounder and its Derivatives	ADG	Definition (includes Common Name): Refers to the presence of Flounder and its derivatives in the product. - Family/Genus/Species: Achirosettidae or Bothidae or Pleuronectidae or Paralichthyidae or Samaridae/(various) - Also known as: Arctic Flounder, Arrowtooth Flounder, Bering Flounder, Bigmouth Flounder, Black Flounder, Blackback, Brill, Broad Flounder, California Flounder, Common Dab, Cortez Halibut, European Flounder, Eyed Flounder, Fivespot Flounder, Fluke, Fourspot Flounder, Fourspot Megrin, Greenback Flounder, Gulf Flounder, Indian Ocean Spiny Halibut, Kamchatka Flounder, Largetoothed Flounder, Longhead Dab, Megrin, Mexican Flounder, New Zealand Brill, Olive Flounder, Panther Flounder, Patagonian Flounder, Peacock Flounder, Pelican Flounder, Sand Flounder, Slime Flounder, Smalleye Flounder, Smalltoothed Flounder, Sohachi Flounder, Southern Flounder, Speckled Flounder, Starry Flounder, Summer Flounder, Three-eye Flounder, Threespot Righteye Flounder, Tropical Flounder, Windowpane, Winter Flounder, Witch, Witch Flounder, Yellowbelly Flounder, Yellowtail Flounder - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.

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Allergen Category	Allergen Type Code Description	Allergen Type Code	Comments
	Grouper and its Derivatives	ADH	Definition (includes Common Name): Refers to the presence of Grouper and its derivatives in the product. - Family/Genus/Species: Serranidae subfamily Epinephelina/(various) - Also known as: Banded Grouper, Black Grouper, Blacktip Grouper, Bridled Grouper, Broomtail Grouper, Brownspotted Rockcod, Camouflage Grouper, Chevron Tailed Grouper, Comb Grouper, Comet Grouper, Coney, Coral Hind, Dot-dash Grouper, Dusky Grouper, Dusty Tail Grouper, Gag, Giant Grouper, Goliath, Graysby, Greasy Rockcod, Grouper, Gulf Coney, Gulf Grouper, Halfmoon Grouper, Hawaiian Grouper, Highfin Grouper, Hong Kong Grouper, Leopard Coralgrouper, Longspine Grouper, Malabar Grouper, Marbled Grouper, Misty Grouper, Mottled Grouper, Nassau Grouper, Netfin Grouper, Oblique-banded Grouper, Orange-spotted Grouper, Persian Grouper, Purplespotted Grouper, Red Grouper, Red Hind, Redmouth Grouper, Sabah Grouper, Sand Perch, Scamp, Sixbar Grouper, Slender Grouper, Snowy Grouper, Snubnose Grouper, Speckled Blue Grouper, Speckled Dwarf Grouper, Spinycheek Grouper, Spotted Grouper, Squaretail Coralgrouper, Starspotted Grouper, Star-studded grouper, Strawberry Hind, Striped Grouper, Tiger Grouper, Tomato Hind, Warsaw Grouper, Wavy Lined Grouper, White Grouper, White-blotched Grouper, Yellowedge Grouper, Yellow-edged Lyretail, Yellowfin Grouper, Yellowmouth Grouper - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Haddock and its Derivatives	ADI	Definition (includes Common Name): Refers to the presence of Haddock and its derivatives in the product. - Family/Genus/Species: Gadidae/Melanogrammus/Melanogrammus aeglefinus - Also known as: - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Hake and its Derivatives	ADJ	Definition (includes Common Name): Refers to the presence of Hake and its derivatives in the product. - Family/Genus/Species: Merlucciidae or Phycidae or Gadidae subfamily Phycinae/(various) - Also known as: Argentine hake, Benguela hake, Brazilian Hake, Carolina Hake, Deep-water hake, European hake, Gayi hake, Gulf Hake, Longfin Hake, North Pacific hake, Offshore hake, Panama hake, Red Hake, Senegalese hake, Shallow-water hake, Silver hake, Southern Hake, Southern hake, Spotted Hake, White Hake - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Halibut and its Derivatives	ADK	Definition (includes Common Name): Refers to the presence of Halibut and its derivatives in the product. - Family/Genus/Species: Pleuronectidae/Hippoglossus/Hippoglossus hippoglossus or Hippoglossus stenolepis or Reinhardtius hippoglossoides - Also known as: Atlantic Halibut, Pacific Halibut, Greenland Halibut - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.

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Allergen Category	Allergen Type Code Description	Allergen Type Code	Comments
	Herring and its Derivatives	ADL	Definition (includes Common Name): Refers to the presence of Herring and its derivatives in the product. - Family/Genus/Species: Clupeidae/Clupea/(various) - Also known as: African Ilisha, Araucanian herring, Atlantic Herring, Atlantic Thread Herring, Bigeye Ilisha, Blackstripe herring, Blueback Herring, Day's round herring, Deepbody Thread Herring, Denticle herring, Dogtooth herring, Dwarf round herring, Flatiron Herring, Galapagos thread herring, Gilchrist's round herring, Graceful herring, Indian Ilisha, Indian Pellona, Javan Ilisha, Little-eye round herring, Middling thread herring, Pacific Flatiron herring, Pacific Herring, Pacific thread herring, Panamanian Ilisha, Pugnose Ilisha, Red-eye round herring, Round Herring, Sanaga pygmy herring, Silver Darlings, Silver-stripe round herring, Skipjack Herring, Slender thread herring, Striped herring, Tardoore, Toothed river herring, Two-finned round herring, Venezuelan herring, West African pygmy herring, Whitehead's round herring - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Mahi mahi and its Derivatives	ADM	Definition (includes Common Name): Refers to the presence of Mahi Mahi and its derivatives in the product. - Family/Genus/Species: Coryphaenidae/Coryphaena/C. hippurus - Also known as: Mahi, Mahi-Mahi, Common Dolphinfish, Dorado, Pompano Dolphin - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Pike and its Derivatives	ADP	Definition (includes Common Name): Refers to the presence of Pike and its derivatives in the product. - Family/Genus/Species: Esocidae/Esox/(various) - Also known as: Pike, Pickerel, American Pickerel, Amur Pike, Aquitanian Pike, Chain Pickerel, Muskellunge, Northern Pike, Southern Pike, Grass Pike - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Pollock and its Derivatives	ADQ	Definition (includes Common Name): Refers to the presence of Pollock and its derivatives in the product. - Family/Genus/Species: Gadidae/Pollachius/Pollachius pollachius or Pollachius virens - Also known as: Atlantic pollock, European pollock, Lieu Jaune, Lythe, Boston Blue, Silver Bill, Saithem Pollock, Pollack, Coley, Coalfish, Walleye Pollock - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Salmon and its Derivatives	ADR	Definition (includes Common Name): Refers to the presence of Salmon and its derivatives in the product. - Family/Genus/Species: Salmonidae subfamily Salmoninae/(various) - Also known as: Atlantic salmon, Chinook salmon, Chum salmon, Coho salmon, Masu salmon, Pacific Salmon, Pink salmon, Sockeye salmon - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.

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Allergen Category	Allergen Type Code Description	Allergen Type Code	Comments
	Snapper and its Derivatives	ADS	Definition (includes Common Name): Refers to the presence of Snapper and its derivatives in the product. - Family/Genus/Species: Lutjanidae/(various) - Also known as: African Forktail Snapper, Amarillo Snapper, Black and White Snapper, Black Snapper, Blackfin Snapper, Blacktail Snapper, Bloodred Snapper, Blubberlip Snapper, Bluestriped Snapper, Cardinal Snapper, Caribbean Red Snapper, Chinamanfish, Colorado Snapper, Crimson Jobfish, Crimson Snapper, Cubera Snapper, Cunera Snapper, Dog Snapper, Emperor Snapper, Five-lined Snapper, Goldbanded Jobfish, Golden Snapper, Goldeneye Jobfish, Gold-striped Snapper, Gray Snapper, Green Jobfish, Humpback Snapper, John's Snapper, Lane Snapper, Lavender Jobfish, Mahogany Snapper, Malabar Snapper, Mangrove Red Snapper, Midnight Snapper, Mullet Snapper, Mutton Snapper, Oblique-banded Snapper, Onespot Snapper, Pacific Dog Snapper, Pacific Snapper, Pinjalo, Pink Snapper, Queen Snapper, Red Snapper, Rose Snapper, Ruby Snapper, Rufous Snapper, Rusty Jobfish, Saddleback Snapper, Sailfin Snapper, Sharptooth Jobfish, Silk Snapper, Smalltooth Jobfish, Snapper, Twinspot Snapper, Vermilion Snapper, Wenchman, Yellowstripe Snapper, Yellowtail Blue Snapper, Yellowtail Snapper - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Sole and its Derivatives	ADT	Definition (includes Common Name): Refers to the presence of Sole and its derivatives in the product. - Family/Genus/Species: Soleidae or Achiridae or Cynoglossidae or Pleuronectidae/(various) - Also known as: American Sole, Butter Sole, C-O Sole, Curfin Sole, Deepsea Sole, Double-lined Tonguesole, Dover Sole, English Sole, Fantail Sole, Flathead Sole, Hogchoker, Lemon Sole, Milky Spotted Sole, Mud Sole, Naked Sole, Narrowbanded Sole, New Zealand Lemon Sole, Northern Rock Sole, Oriental Sole, Pacific Dover, Petrale Sole, Rex Sole, Roughscale Sole, Sand Sole, Scrawled Sole, Senegalese Sole, Slender Sole, Sole, Solenette, Southern Rock Sole, Thickback Sole, Tongue Sole, Tonguefish, West Coast Sole, Yellowfin Sole - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Swordfish and its Derivatives	ADU	Definition (includes Common Name): Refers to the presence of Swordfish and its derivatives in the product. - Family/Genus/Species: Xiphiidae/Xiphias/X. gladius - Also known as: Swordfish, Broadbill - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Tilapia and its Derivatives	ADV	Definition (includes Common Name): Refers to the presence of Tilapia and its derivatives in the product. - Family/Genus/Species: Cichlidae/Talapia or Coptodon or Oreochromis or Sarotherodon/(various) - Also known as: Talapia, Mozambique Talapia, Nile Talapia, Blue Talapia - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.

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Allergen Category	Allergen Type Code Description	Allergen Type Code	Comments
	Trout and its Derivatives	ADW	Definition (includes Common Name): Refers to the presence of Trout and its derivatives in the product. - Family/Genus/Species: Salmonida subfamily Salmoninae/Oncorhynchus or Salmo or Salvelinus- Also known as: Adriatic Trout, Alvord Cutthroat Trout, Apache Trout, Aurora Trout, Baja California Rainbow Trout, Beardslee Trout, Biwa Trout, Bonneville Cutthroat Trout, Brook Trout, Brown Trout, Bull Trout, Coastal Cutthroat Trout, Coastal Rainbow Trout (steelhead), Colorado River Cutthroat Trout, Columbia River Redband Trout, Crescenti Trout, Cutthroat Trout, Dolly Varden, Dolly Varden Trout, Eagle Lake Trout, Flathead Trout, Genus Oncorhynchus, Gila Trout, Golden Trout, Great Basin Redband Trout, Greenback Cutthroat Trout, Humboldt Cutthroat Trout, Inconnu, Kamchatkan Rainbow Trout, Kamloops Rainbow Trout, Kern River Rainbow Trout, Lacustrine Trout, Lahontan Cutthroat Trout, Lake Trout, Little Kern Golden Trout, Marble Trout, McCloud River Redband Trout, Mexican Golden Trout, Nelson's Trout, Ohrid Trout, Paiute Cutthroat Trout, Rainbow Trout, Rio Grande Cutthroat Trout, River Trout, Sacramento Golden Trout, San Pedro Martir Trout, Sea Trout, Sevan Trout, Sheepheaven Creek Redband Trout, Silver Trout, Snake River Fine-spotted Cutthroat Trout, Soca River Trout, Soča Trout, Speckled Lake (Splake) Trout, Tiger Trout, Trout, Westslope Cutthroat Trout, Whitehorse Basin Cutthroat Trout, Yellowstone Cutthroat Trout - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	*Amberjack fish and its derivatives	AJF	Definition (includes Common Name): Refers to the presence of Amberjack and its Derivatives in the product. - Family/Genus/Species: Carangidae/Seriola/(various) - Also known as: Amberjack, Buri, Greater amberjack, Lesser amberjack, Almaco jack, Yellowtail, Banded rudderfish - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Perch and its Derivatives	ANO	Definition (includes Common Name): Refers to the presence of Perch and its derivatives in the product. - Family/Genus/Species: Percidae subfamily Percinae/Perca/(various) - Also known as: Acadian Redfish, Argentinian Sandperch, Barred Surfperch, Black Surfperch, Blue Cod, Calico Surfperch, Chilean Sandperch, Climbing Perch, Deepwater Redfish, Eurasian Perch, Golden Perch, Golden Redfish, Grass Goby, Namorado Sandperch, Nile Perch, Norway Redfish, Pacific Ocean Perch, Painted Comber, Pile Perch, Redtail Surfperch, Rockfish, Rubberlip Seaperch, Sandperch, Sauger, Shiner Surfperch, Silver Perch, Striped Surfperch, Thicketail Cardinalfish, Volga Pikeperch, Walleye Surfperch, White Perch, Yellow Perch, Zander, Zebra Perch - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.

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Allergen Category	Allergen Type Code Description	Allergen Type Code	Comments
	Whitefish and its Derivatives	AWF	Definition (includes Common Name): Refers to the presence of Whitefish and its derivatives in the product. - Family/Genus/Species: (various) - Also known as: Humpback Whitefish, Lake Whitefish, Round Whitefish, Whitefish - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	*Butterfish and its derivatives	BFD	Definition (includes Common Name): Refers to the presence of Butterfish and its Derivatives in the product. - Family/Genus/Species: Stromateidae/Pampus or Peprilus or Stromateus/(various) - Also known as: Black Butterfish, Greenbone, Silver Pomfret, White Pomfret, Gulf Butterfish, Harvestfish, Pacific Pompano, Butterfish, Southwest Atlantic ButterfishCommon Name - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	*Bonito fish and its derivatives	BFH	Definition (includes Common Name): Refers to the presence of Bonito and its Derivatives in the product. - Family/Genus/Species: Scombridae subfamily: Scombrinae/Cybiosarda or Gymnosarda Gill or Orcynopsis Gill or Sarda/(various) - Also known as: Australian Bonito, Dogtooth Tuna, Leaping Bonito, Pacific Bonito, Plain Bonito, Striped Bonito - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Bluefish and its Derivatives	BLF	Definition (includes Common Name): Refers to the presence of Bluefish and its derivates in the product. - Family/Genus/Species: Pomatomidae/Pomatomus/P. saltatrix - Also known as: Bluefish, Elf, Shad, Tailor, Black Sea Bass, Shortfin Corvina, Opaleye, Rudderfish, Pollock - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	*Barracuda and its derivatives	BRC	Definition (includes Common Name): Refers to the presence of Barracuda and its Derivatives in the product. - Family/Genus/Species: Sphyraenidae/Sphyraena/(various) - Also known as: Pacific Barracuda, California Barracuda, Cuda, Barracouta, Barracuda, Great Barracuda, Short Barracuda, Picuda, Japanese Barracuda, Pickhandle Barracuda - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.

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Allergen Category	Allergen Type Code Description	Allergen Type Code	Comments
	Bream and its Derivatives	BRM	Definition (includes Common Name): Refers to the presence of Bream and its derivatives in the product. - Family/Genus/Species: Cyprinidae sub. Leuciscinae/(various) - Also known as: Antarctic Butterfish, Black Sweetlips, Bloodred Snapper, Bluegill, Blue-lined Large-eye Bream, Bogue, Bream, Bronze Bream, Carp Bream, Common Bream, Common Pandora, Delagoa Threadfin Bream, Fork-tailed Threadfin Bream, Freshwater Bream, Gilthead Bream, Golden Redfish, Golden Tai, Golden Threadfin Bream, Humpnose Big-eye Bream, Japanese Threadfin Bream, Longfin Tilapia, Long-spined Red Bream, Lowfinned Drummer, Madai, Malabar Snapper, Margate, Mauvelip Threadfin Bream, Mozambique Large-eye Bream, Pacific Pomfret, Pinfish, Pumpkinseed, Puntazzo, Red Bream, Red Porgy, Redbreast Tilapia, Redear Sunfish, River Bream, Rock Flagtail, Sea Bream, Southern Rays Bream, Squirefish, Taiwan Tai, Tarakihi, Threadfin Bream, Warmouth, Western Australian Gizzard Shad - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	*Cutlassfish and its derivatives	CFD	Definition (includes Common Name): Refers to the presence of Cutlassfish and its Derivatives in the product. - Family/Genus/Species: Trichiuridae/(various) - Also known as: Black Scabbardfish, Silver Scabbardfish, Smallhead Hairtail, Atlantic Cutlassfish - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	*Croaker fish and its derivatives	CFH	Definition (includes Common Name): Refers to the presence of Croaker and its Derivatives in the product. - Family/Genus/Species: Sciaenidae/(various) - Also known as: Argentine Croaker, Atlantic Croaker, Bearded Jewfish, Belanger's Croaker, Bigtooth Corvina, Black Croaker, Blackmouth Croaker, Blackspotted Croaker, Blue Croaker, Bronze Croaker, Captainfish, Cob, Croceine Croaker, Donkey Croaker, Flathead Captainfish, Giant Captainfish, Gulf Corvina, Japanese Croaker, Meagre, Miiuy Croaker, Pama Croaker, Peruvian Croaker, Redlip Croaker, Reef Croaker, Shortfin Corvina, Shortfin Weakfish, Silver Croaker, Silver Croaker, Smalleye Croaker, Spotfin Croaker, Striped Croaker, Tigertooth Croaker, White Croaker, Whitemouth Drummer, Yellowfin Croaker, Donkey Croaker, Flathead Captainfish, Giant Captainfish, Gulf Corvina, Japanese Croaker, Meagre, Miiuy Croaker, Pama Croaker, Peruvian Croaker, Redlip Croaker, Reef Croaker, Shortfin Corvina, Shortfin Weakfish, Silver Croaker, Silver Croaker, Smalleye Croaker, Spotfin Croaker, Striped Croaker, Tigertooth Croaker, White Croaker, Whitemouth Drummer, Yellowfin Croaker - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.

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Allergen Category	Allergen Type Code Description	Allergen Type Code	Comments
	Chub and its Derivatives	CHB	Definition (includes Common Name): Refers to the presence of Chub and its derivatives in the product. - Family/Genus/Species: Cyprinidae or Kyphosidae/(various) - Also known as: Atlantic Chub Mackerel, Bermuda Chub, Bigeye chub, Chum Salmon, Creek Chub, European chub, Fallfish, Flame chub, Flathead chub, Hornyhead chub, Kiyi, Lake chub, Largemouth Bass, Least chub, Leatherside chub, Oregon chub, Pacific Chub Mackerel, Ponto-Caspian chub, Rudderfish, Sea Chub, Slender chub, Spotted Chub Mackerel, Western chub, Yellow Chub - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Char and its Derivatives	CHR	Definition (includes Common Name): Refers to the presence of Char and its derivatives in the product. - Family/Genus/Species: Salmonidae/Salmoninae/Salvelinus - Also known as: Char, Charr, Artic Char, Lake Char, Golden Char, Cole's Char, Coomsaharn Char, Gray's Char, Blunt-snouted Irish Char, Bear Island Char, Alsatian Char, Angayukaksurak Char, Boganida Char, Cherskii's Char, Chukot Char, Dryagin's Char, Kirikuchi Char, Lake Yessey Char, Long-finned Char, Sakhalinian Char, Small-mouth Char, Southern Dolly Varden Char, Taranets Char, White Char, Whitespotted Char, Yakutian Char - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	*Cusk fish and its derivatives	CKF	Definition (includes Common Name): Refers to the presence of Cusk and its Derivatives in the product. - Family/Genus/Species: Lotidae/Brosme/brosme - Also known as: Cusk, Tusk, Torsk, European Cusk, Brosmius - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Cisco and its Derivatives	CSC	Definition (includes Common Name): Refers to the presence of Cisco and its derivatives in the product. - Family/Genus/Species: Salmonidae/Coregonus/(various) - Also known as: Arctic Cisco, Bering Cisco, Blackfin Cisco, Bloater, Cisco, Deepwater Cisco, European Cisco, Irish pollan, Kiyi, Lake Cisco, Lake Herring, Least Cisco, Longjaw Cisco, Northern Cisco, Peled, Sardine Cisco, Shortjaw Cisco, Shortnose Cisco, Stechlin Cisco - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	*Drum fish and its derivatives	DMF	Definition (includes Common Name): Refers to the presence of Drum and its Derivatives in the product. - Family/Genus/Species: Sciaenidae/(various) - Also known as: Banded Drum, Black Drum, Corb, Cubbyu, Freshwater Drum, Queenfish, Red Drum, Sand Drum, Spotted Drum, Star Drum, Totoaba - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.

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Allergen Category	Allergen Type Code Description	Allergen Type Code	Comments
	*Dory fish and its derivatives	DYF	Definition (includes Common Name): Refers to the presence of Dory and its Derivatives in the product. - Family/Genus/Species: (various) - Also known as: Black Oreo Dory, Buckler Dory, John Dory, Mirror Dory, Oreo, Silver Dory, Smooth Oreo Dory - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Eel and its Derivatives	EEL	Definition (includes Common Name): Refers to the presence of Eel and its derivatives in the product. - Family/Genus/Species: (various) - Also known as: American Eel, Bandtooth Conger, Blackedge Cusk-eel, Blacktail Moray, Blacktail Pike-conger, Broadbanded Moray, Brown Moray, Conger Eel, Daggertooth Pike Conger, European Eel, Fangtooth Moray, Fawn Cusk-eel, Freckled Pike-conger, Giant Moray, Giant Snake Eel, Goldentail Moray, Green Moray, Hardtail Conger, Honey Comb Moray, Japanese Eel, Lesser Spiny Eel, Longfin Conger, Long-finned Eel, Manytooth Conger, Margintail Conger, Mottled Cusk-eel, Murray, Pebbletooth Moray, Reticulate Moray, Sea Eel, Short-finned Eel, Spiny Eel, Spotjaw Moray, Spotted Pike-conger, Stout Moray, Tiretrack Eel, Whiptail Conger, White Eel, Yellow Conger - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	*Escolar and its derivatives	EOD	Definition (includes Common Name): Refers to the presence of Escolar and its Derivatives in the product. - Family/Genus/Species: Gempylidae/Lepidocybium/flavobrunneum - Also known as: Escolar - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	*Jack fish and its derivatives	JFD	Definition (includes Common Name): Refers to the presence of Jack and its Derivatives in the product. - Family/Genus/Species: (various) - Also known as: (Mix of fish in the "jack" families) - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	*Lingcod and its derivatives	LGD	Definition (includes Common Name): Refers to the presence of Lingcod and its Derivatives in the product. - Family/Genus/Species: Hexagrammidae/Ophiodon/elongatus - Also known as: Lingcod, Ling Cod, Buffalo cod, Cultus cod - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.

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Allergen Category	Allergen Type Code Description	Allergen Type Code	Comments
	Mackerel and its Derivatives	MAC	Definition (includes Common Name): Refers to the presence of Mackerel and its derivatives in the product. - Family/Genus/Species: Acanthocybium or Grammatorcynus or Rastrelliger or Scombridae or Scomberomorus/(various) - Also known as: Atka Mackerel, Atlantic Mackerel, Atlantic Sierra, Atlantic Spanish Mackerel, Australian Spotted Mackerel, Blue Mackerel, Broadbarred King Mackerel, Butterfly Mackerel, Cero, Cero Mackerel, Chinese Mackerel, Double-lined Mackerel, Gulf Sierra, Indian Mackerel, Indo-Pacific king Mackerel, Island Mackerel, Japanese Seer, Japanese Spanish Mackerel, King Mackerel, Korean Mackerel, Monterey Spanish Mackerel, Narrow-barred Mackerel, Narrow-barred Spanish Mackerel, Pacific Sierra, Papuan Spanish Mackerel, Queen Mackerel, Queensland School Mackerel, Serra Spanish Mackerel, Shark Mackerel, Short Mackerel, Spanish Mackerel, Spotted Seerfish - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Marlin and its Derivatives	MAL	Definition (includes Common Name): Refers to the presence of Marlin and its derivatives in the product. - Family/Genus/Species: Istiophoridae/(various) - Also known as: Atlantic Blue Marlin, Atlantic Sailfish, Black Marlin, Indo-Pacific Blue Marlin, Indo-Pacific Sailfish, Longbill Spearfish, Mediterranean Spearfish, Roundscale Spearfish, Shortbill Spearfish, Striped Marlin, White Marlin - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	*Milkfish and its derivatives	MFD	Definition (includes Common Name): Refers to the presence of Milkfish and its Derivatives in the product. - Family/Genus/Species: Chanidae/Chanos/chanos - Also known as: False Trevalliesm Milkfish - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Monkfish (Anglerfish, Lotte) and its Derivatives	MKF	Definition (includes Common Name): Refers to the presence of Monkfish (Anglerfish, Lotte) and its derivatives in the product. - Family/Genus/Species: Lophiidae/Lophius/(various) - Also known as: American Angler, Angler, Anglerfish, Blackbellied Angler, Blackfin Goosefish, Blackfin Monkfish, Devil Angelfish, Fishing-Frogs, Frog-Fish, Goosefish, Monkfish, Sea-Devils, Shortspine African Angler, Yellow Goosefish, Yellow Goosfish - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	*Oilfish and its derivatives	OFD	Definition (includes Common Name): Refers to the presence of Oilfish and its Derivatives in the product. - Family/Genus/Species: Gempylidae/Ruvettus/pretilosus - Also known as: Oilfish - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.

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Allergen Category	Allergen Type Code Description	Allergen Type Code	Comments
	Orange roughy and its Derivatives	ORR	Definition (includes Common Name): Refers to the presence of Orange roughy and its derivatives in the product. - Family/Genus/Species: Trachichthyidae/Hoplostethus/H. atlanticus - Also known as: Orange Roughy, Red Roughy, Alimehead, Deep Sea Perch - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	*Puffer fish and its derivatives	PFD	Definition (includes Common Name): Refers to the presence of Puffer and its Derivatives in the product. - Family/Genus/Species: Tetraodontidae/(various) - Also known as: Balloonfish, Bandtail Puffer, Blowfish, Blowies, Blunthead Puffer, Bubblefish, Bullseye Puffer, Checkered Puffer, Common Puffers, Globefish, Honey toads, Least Puffer, Longnose Puffer, Marbled Puffer, Moontail Blassop, Northern Puffer, Oceanic Puffer, Pufferfish, Puffers, Sea squab, Sharpnosed Puffers, Smooth Puffer, Southern Puffer, Sugar toads, Swellfish, Toadfish, Toadies - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	*Patagonian Toothfish and its derivatives	PGT	Definition (includes Common Name): Refers to the presence of Patagonian Toothfish and its Derivatives in the product. - Family/Genus/Species: Nototheniidae/Dissostichus/eleginoides - Also known as: Patagonian Toothfish - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Plaice and its Derivatives	PLC	Definition (includes Common Name): Refers to the presence of Plaice and its derivatives in the product. - Family/Genus/Species: Pleuronectidae/(various) - Also known as: American Plaice, Alaskan Plaice, European Plaice, Scale-eye Plaice, Summer Plaice - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Pompano and its Derivatives	POM	Definition (includes Common Name): Refers to the presence of Pompano and its derivatives in the product. - Family/Genus/Species: Carangidae subfamily Trachinotinae/Trachinotus/(various) - Also known as: African Pompano, Blackblotch Pompano, Cayenne Pompano, Derby, Florida Pompano, Florida Pompano, Gafftopsail Pompano, Gafftopsail Pompano, Guinean Pompano, Indian Pompano, Largespotted Dart, Longfin Pompano, Marquesas Dart, Oyster Pompano, Paloma Pompano, Paloma Pompano, Palometa, Palometa, Palometta Permit, Permit, Permit, Plata Pompano, Pompano, Shortfin Pompano, Smallspotted Dart, Snubnose Pompano, Snubnose Pompano, Southern Pompano, Steel Pompano, Swallowtail Dart - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.

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Allergen Category	Allergen Type Code Description	Allergen Type Code	Comments
	Porgy and its Derivatives	PRG	Definition (includes Common Name): Refers to the presence of Porgy and its derivates in the product. - Family/Genus/Species: Sparidae/(various) - Also known as: Dentex, Grass Porgy, Longspine Porgy, Madai, Panga, Pinfish, Porgy, Puntazzo, Red Porgy, River Bream, Scup, Sea Bream, Sheepshead, Silver Porgy, Spotted Pinfish, Squirefish, Whitebone Porgy - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Rockfish and its Derivatives	ROF	Definition (includes Common Name): Refers to the presence of Rockfish and its derivates in the product. Rockfish is a common term for several species of fish, referring to their tendency to hide among rocks. - Family/Genus/Species: (various) - Also known as: Aurora Rockfish, Bank Rockfish, Black & Yellow Rockfish, Black Rockfish, Blackgill Rockfish, Blue Rockfish, Bocaccio, Bronzespotted Rockfish, Brown Rockfish, Calico Rockfish, Canary Rockfish, Chameleon Rockfish, Chilipepper (Fish), China Rockfish, Copper Rockfish, Cowcod, Darkblotched Rockfish, Dusky Rockfish, Dwarf-red Rockfish, Flag Rockfish, Freckled Rockfish, Gopher Rockfish, Grass Rockfish, Greenblotched Rockfish, Greenspotted Rockfish, Greenstriped Rockfish, Halfbanded Rockfish, Harlequin Rockfish, Honeycomb Rockfish, Kelp Rockfish, Mexican Rockfish, Northern Rockfish, Olive Rockfish, Pink Rockfish, Pinkrose Rockfish, Puget Sound Rockfish, Pygmy Rockfish, Quillback Rockfish, Red Rockfish, Redbanded Rockfish, Redstripe Rockfish, Rockfish, Rosethorn Rockfish, Rosy Rockfish, Roughey Rockfish, Semaphore Rockfish, Sharpchin Rockfish, Shortbelly Rockfish, Shortraker Rockfish, Silvergray Rockfish, Speckled Rockfish, Splitnose Rockfish, Squarespot Rockfish, Starry Rockfish, Stripetail Rockfish, Swordspine Rockfish, Tiger Rockfish, Treefish, Vermilion Rockfish, Widow Rockfish, Yelloweye Rockfish, Yellowmouth Rockfish, Yellowtail Rockfish - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Sardine and its Derivatives	SAR	Definition (includes Common Name): Refers to the presence of Sardine and its derivates in the product. - Family/Genus/Species: Clupeidae/(various) - Also known as: Australian Pilchard, European Pilchard, Japanese Pilchard, Pacific Sardine, South African Pilchard, False Pilchard, Fringescale Sardinella, Japanese Scaled Sardine, Oil Sardine, Orangespot Sardine, Perforated-scale Sardine, Redear Sardine, Scaled Sardine, Spanish Sardine, White Sardine - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	*Scad fish and its derivatives	SDF	Definition (includes Common Name): Refers to the presence of Scad fish and its derivatives in the product. Family/Genus/Species: Carangidae (order Perciformes) Also known as: Mackerel Scad, Amberjack Scad, Jack Scad..etc. Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.

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Allergen Category	Allergen Type Code Description	Allergen Type Code	Comments
	Chinquapins and Their Derivatives	SF	Definition (includes Common Name): Refers to the presence of Chinquapins and its derivatives in the product. - Family/Genus/Species: Castanea pumila. - Also known as: Allegheny chinquapin, American chinquapin and Dwarf Chetsnut. - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	*Swai fish and its derivatives	SFD	Definition (includes Common Name): Refers to the presence of Swai and its Derivatives in the product. - Family/Genus/Species: Pangasiidae/Pangasianodon/hypophthalmus - Also known as: Sutchi Catfish, Swai, Sutchi, Striped Pangasius, Tra - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	*Spinefoot fish and its derivatives	SFT	Definition (includes Common Name): Refers to the presence of Spinefoot and its Derivatives in the product. - Family/Genus/Species: Siganidae/Siganus/(various) - Also known as: Bluespotted Spinefish, Foxface, Pearly Spinefoot, Rabbitfish, Streaked Spinefoot, Spinefoot - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	*Sheephead fish and its derivatives	SHD	Definition (includes Common Name): Refers to the presence of Sheephead and its Derivatives in the product. - Family/Genus/Species: Labridae/Semicossyphus/darwini or pulcher or reticulatus - Also known as: Sheephead, California Sheephead, Galápagos sheephead, Goldspot sheepshead, Asian sheepshead wrasse - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Shark and its Derivatives	SHK	Definition (includes Common Name): Refers to the presence of Shark and its derivatives in the product. - Family/Genus/Species: (various) - Also known as: Atlantic Angel Shark, Basking Shark, Bigeye Thresher Shark, Bignose Shark, Black Dogfish, Blacknose Shark, Blacktip Reef Shark, Blacktip Shark, Blue Shark, Bonnethead, Brown Smoothhound, Bull Shark, Catshark, Common Thresher Shark, Dogfish Shark, Dusky Shark, Finetooth Shark, Gray Reef Shark, Great Hammerhead, Great White Shark, Grey Smoothhound, Hammerhead Shark, Large Spotted Dogfish, Lemon Shark, Leopard Shark, Lesser Spotted Dogfish, Longfin Mako Shark, Mako Shark, Narrowtoothed Shark, Night Shark, Northern Dogfish, Pacific Angel Shark, Pelagic Thresher Shark, Porbeagle, Reef Shark, Salmon Shark, Sandbar Shark, Scalloped Hammerhead, School Shark, Sevengill Shark, Shortfin Mako Shark, Silky Shark, Silvertip Shark, Sixgill Shark, Smalleye Hammerhead, Smalltail Shark, Smooth Dogfish, Smooth Hammerhead, Spinner Shark, Spiny Dogfish, Thresher Shark, Tiger Shark, White Shark, Whitetip Reef Shark, Whitetip Shark - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.

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	*Schoolmaster fish and its derivatives	SMF	Definition (includes Common Name): Refers to the presence of Schoolmaster and its Derivatives in the product. - Family/Genus/Species: Lutjanidae/Lutjanus/apodus - Also known as: Schoolmaster, Schoolmaster snapper - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Smelt and its Derivatives	SMT	Definition (includes Common Name): Refers to the presence of Smelt and its derivatives in the product. - Family/Genus/Species: Osmeridae/(various) - Also known as: Arctic Smelt, Argetine Smelt, Austrailian Smelt, Ayu, Big-Scale Smelt, Cucumberfish, Deepsea Smelt, Delta Smelt, Eulachon, European Smelt, Freshwater Smelt, Great Silver Smelt, Herring Smelt, Jacksmelt, Lesser Silver Smelt, Longfin Smelt, New Zealand Smelt, Night Smelt, Rainbow Smelt, Seep-sea Smelt, Smelt, Surf Smelt, Topsmelt, Typical Smelt, Whitebait Smelt - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	*Scorpionfish and its derivatives	SPF	Definition (includes Common Name): Refers to the presence of Scorpionfish and its Derivatives in the product. - Family/Genus/Species: Scorpaenidae/(various) - Also known as: California Scorpinfish, Dragonfish, False Jacopever, Firefish, Hunchback Scorpionfish, Large-headed Scorpionfish, Lionfish, Orange Scorpionfish, Plumed Scorpionfish, Stingfish, Turkeyfish - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Sturgeon and its Derivatives	STG	Definition (includes Common Name): Refers to the presence of Sturgeon and its derivatives in the product. - Family/Genus/Species: Acipenseridae/(various) - Also known as: Adriatic Sturgeon, Alabama Sturgeon, Amu Darya Sturgeon, Amur Sturgeon, Atlantic Sturgeon, Baikal Sturgeon, Beluga, Beluga Sturgeon, Bester, Chinese Sturgeon, Dwarf Sturgeon, European sea Sturgeon, Fringebarbel Sturgeon, Green Sturgeon, Gulf Sturgeon, Japanese Sturgeon, Kaluga Sturgeon, Lake Sturgeon, Pallid Sturgeon, Persian Sturgeon, Russian Sturgeon, Sakhalin Sturgeon, Shortnose Sturgeon, Shovelnose Sturgeon, Siberian Sturgeon, Starry Sturgeon, Stellate Sturgeon, Sterlet, Syr Darya Sturgeon, Thorn Sturgeon, White Sturgeon, Yangtze Sturgeon - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	*Tilefish and its derivatives	TFD	Definition (includes Common Name): Refers to the presence of Tilefish and its Derivatives in the product. - Family/Genus/Species: Malacanthidae/(various) - Also known as: Blue Tilefish, Blueline Tilefish, Golden Tilefish, Goldface Tilefish, Ocean Whitefish, Pacific Golden-eyed Tilefish, Pacific Sandperch, Sand Tilefish, Tilefish - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.

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	Turbot and its Derivatives	TUR	Definition (includes Common Name): Refers to the presence of Turbot and its derivatives in the product. - Family/Genus/Species: Scophthalmidae/Scophthalmus/S. maximus - Also known as: Brat, Breet, Britt, Butt, Diamond Turbot, Greenland Turbot, Hornyhead Turbot, New Zealand Turbot, Spottail Spiny Turbot, Spotted Turbot, Spring Turbot, Turbot - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	*Wolffish and its derivatives	WFD	Definition (includes Common Name): Refers to the presence of Wolffish and its Derivatives in the product. - Family/Genus/Species: Anarrhichadidae/Anarrhichas or Anarrhichthys/(various) - Also known as: Atlantic Wolffish, Bering Wolffish, Northern Wolffish, Sea wolves, Spotted Wolffish, Wolffish - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Whiting and its Derivatives	WHT	Definition (includes Common Name): Refers to the presence of Whiting and its derivatives in the product. - Family/Genus/Species: Gadidae or Sciaenidae or Sillaginidae/(various) - Also known as: Argentine Hake, Blue Whiting, Cape Hake, Carolina Whiting, Chilean Hake, Deep-water Cape Hake, European Hake, European Whiting, Flat Head Sillago, Hoki, Japanese sillago, Japanese Whiting, King George Whiting, King Whiting, Northern Whiting, Pacific Whiting, Sand Whiting, School Whiting, Sea Mullet, Silver Hake, Silver Sillago, Southern Blue Whiting, Southern Hake, Southern Kingcroaker, Southern Kingfish - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
Milk	Milk and its Derivatives	AM	Definition (includes Common Name): Refers to the presence of milk and its derivatives in the product, as listed in in the product. - Family/Genus/Species: - Also known as: - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Lactose	ML	Definition (includes Common Name): Refers to the presence of lactose in the product. - Family/Genus/Species: - Also known as: Milk sugar, Lactobiose, 4-O-β-D-Galactopyranosyl-D-glucose - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
Peanuts	Peanuts and Their Derivatives	AP	Definition (includes Common Name): Refers to the presence of Peanuts and its derivatives in the product. - Family/Genus/Species: Arachis hypogaea. - Also known as: Groundnut, Goober, Pindar, Monkey nut. - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.

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Sesame	Sesame Seeds and Their Derivatives	AS	Definition (includes Common Name): Refers to the presence of Sesame seeds or its derivatives in the product, as listed in in the product - Family/Genus/Species: Sesamum. - Also known as: - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
Shellfish	Barnacle and its Derivatives	ABF	Definition (includes Common Name): Refers to the presence of Barnacles and its derivatives in the product. - Family/Genus/Species: (various) - Also known as: Barnacle, Goose Barnacle, Leaf Barnacle, Pico - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Shellfish and its Derivatives	UN	Definition (includes Common Name): Refers to the presence of Shellfish in the product. Shellfish is a colloquial and fisheries term for exoskeleton-bearing aquatic invertebrates used as food, including various species of molluscs, crustaceans, and echinoderms. - Family/Genus/Species: (various) - Also known as: (various) - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Crab and its Derivatives	ABG	Definition (includes Common Name): Refers to the presence of Crab and its derivatives in the product. - Family/Genus/Species: Brachyura (various) - Also known as: (various) - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Crawfish and its Derivatives	ABH	Definition (includes Common Name): Refers to the presence of Crawfish and its derivatives in the product. - Family/Genus/Species: Astacidae or Cambaridae or Cambaroididae or Parastacidae/(various) - Also known as: Caribbean Spiny Lobster, Crawdad, Crawdaddy, Crawfish, Craydid, Crayfish, Freshwater Crayfish, Freshwater Lobsters, Marron, Mountain Lobsters, Mudbugs, Murray River Crayfish, Red Claw Crayfish, Red Swamp Crayfish, Rock Lobsters, Royal Spiny Lobster, White River Crayfish, Yabbie Crayfish - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Lobster and its Derivatives	ABJ	Definition (includes Common Name): Refers to the presence of Lobster and its derivatives in the product. - Family/Genus/Species: Nephropidae/(various) - Also known as: American Lobster, Blue Spiny Lobster, Blunt Slipper Lobster, Brazilian Slipper Lobster, California Spiny Lobster, Cape Spiny Lobster, Caribbean Lobsterette, Caribbean Spiny Lobster, Colorado Langostino, Common Spiny Lobster, Eastern Spiny Lobster, European Lobster, Flathead Locust Lobster, Florida Lobsterette, Gilchrist Spiny Lobster, Green Spiny Lobster, Hawaiian Spiny Lobster, Japanese Fan Lobster, Japanese Spiny Lobster, Lobsterette, Mud Spiny Lobster, Natal Spiny Lobster, Norway Lobster, Ornate Spiny Lobster, Painted Spiny Lobster, Pelagic Crab, Pink Spiny Lobster, Pronghorn Spiny Lobster, Red-banded Lobster, Ridged Slipper Lobster, Royal Spiny Lobster, Scalloped Spiny Lobster, Smoothtail Spiny Lobster, Southern Rock

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			Lobster, Spanish Slipper Lobster, St. Paul Spiny Lobster, Swarming Squat Lobster, Urugavian Lobster, Western Red Lobster - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Prawns and their Derivatives	ABK	Definition (includes Common Name): Refers to the presence of Prawns and its derivatives in the product. Prawn is a common name for small aquatic crustaceans with an exoskeleton and ten legs (which is a member of the order decapoda), some of which can be eaten. The terms shrimp and prawn are common names, not scientific names. They are vernacular or colloquial terms which lack the formal definition of scientific terms. They are not taxa, but are terms of convenience with little circumscriptional significance. There is no reason to avoid using the terms shrimp or prawn when convenient, but it is important not to confuse them with the names or relationships of actual taxa. - Family/Genus/Species: (various) - Also known as: Banana Prawn, Brown Tiger Prawn, Caramote Prawn, Common Prawn, Eastern King Prawn, Giant Freshwater Prawn, Giant Gamba Prawn, Giant Tiger Prawn, Green Tiger Prawn, Indian Prawn, Jack-knife Prawn, Kuruma Prawn, Redtail Prawn, Roshna Prawn, Western King Prawn, Prawn - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Shrimp and its Derivatives	ABL	Definition (includes Common Name): Refers to the presence of Shrimp and its derivatives in the product. The terms shrimp and prawn are common names, not scientific names. They are vernacular or colloquial terms which lack the formal definition of scientific terms. They are not taxa, but are terms of convenience with little circumscriptional significance. There is no reason to avoid using the terms shrimp or prawn when convenient, but it is important not to confuse them with the names or relationships of actual taxa. - Family/Genus/Species: (various) - Also known as: Akiami Paste Shrimp, Argentine Red Shrimp, Atlantic Seabob, Bigclaw River Shrimp, Blue Shrimp, Brown Rock Shrimp, Brown Shrimp, California Shrimp, Chinese White Shrimp, Cinnamon River Shrimp, Common Shrimp, Coonstriped Shrimp, Deep-water Rose Shrimp, Deep-water Rose Shrimp, Endeavour Shrimp, Golden Shrimp, Greasyback Shrimp, Humpy Shrimp, Jinga Shrimp, Kadal Shrimp, Kiddi Shrimp, Knife Shrimp, Kolibri Shrimp, Marsh Grass Shrimp, Northern Shrimp, Ocean Shrimp, Ohio Shrimp, Pink Shrimp, Pinkspotted Shrimp, Rainbow Shrimp, Royal Red Shrimp, Sakura Shrimp, Seven-spine Bay Shrimp, Sidestriped Shrimp, Smooth Nylon Shrimp, Southern Brown Shrimp, Southern White Shrimp, Speckled Shrimp, Spot Shrimp, Spot-tail Mantis Shrimp, Titi Shrimp, Western White Shrimp, White Shrimp, Whiteleg Shrimp, Tiger Shrimp, Shrimp - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.

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	Crustaceans and Their Derivatives	AC	Definition (includes Common Name): Refers to the presence of Crustaceans and its derivatives in the product - Family/Genus/Species: (Subphylum: Crustacea)/(various) - Also known as: (various) - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Clam and its Derivatives	CLM	Definition (includes Common Name): Refers to the presence of Clam and its derivatives in the product. - Family/Genus/Species: (various) - Also known as: Alaska Razor, Arctic Surfclam, Asian Clam, Atlantic Geoduck, Atlantic Jackknife, Atlantic Razor, Atlantic Sanguin, Atlantic Surfclam, Banded Carpet Shell, Bent Surfclam, Bentnose Macoma, Butter Clam, Calico Clam, California Surfclam, California Tagelus, California Venus, Caribbean Winged Surfclam, Dish Surfclam, Fat Gaper, Flat Surfclam, Fragile Surfclam, Freshwater Clam, Frilled Venus, Golden Carpet Shell, Grand Razor Shell, Green Jackknife, Grooved Carpet Shell, Grooved Razor, Hard Clam, Hardshell Clam, Hatchet Surfclam, Hemphill Surfclam, Hen Clam, Hooked Surfclam, Jackknife Clam, Japanese Littleneck Clam, Littleneck Clam, Lyrate Hard Clam, Mogai Clam, New Zealand Wedge Clam, Northern Razor, Pacific Gaper, Pacific Geoduck, Pacific Littleneck Clam, Pipi Clam, Pismo Clam, Pod Razor, Razor Shell Clam, Rosy Jackknife, Shortneck Clam, Smooth Venus, Softshell Clam, Solid Sanguin Clam, Stout Tagelus, Sunray Venus, Sword Razor, Thin-shell Littleneck Clam, Washington Clam - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Cockle and its Derivatives	COK	Definition (includes Common Name): Refers to the presence of Cockle and its derivatives in the product. - Family/Genus/Species: Cardiidae/(various) - Also known as: Atlantic Giant Cockle, Bittersweet, Blood Cockle, California Cockle, Common Cockle, Decussate Bittersweet, Dock Cockle, Greenland Cockle, Knotted Cockle, New Zealand Cockle, Spiny Cockle, Violet Bittersweet - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Conch and its Derivatives	CON	Definition (includes Common Name): Refers to the presence of Conch and its derivatives in the product. - Family/Genus/Species: Strombidae/(various) - Also known as: Conch, Florida Fighting Conch, Horse Conch, Milk Conch, Queen Conch, Spider Conch, West Indian Fighting Conch - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Limpets and its Derivatives	LMT	Definition (includes Common Name): Refers to the presence of Limpets and its derivatives in the product. - Family/Genus/Species: Patellogastropoda (various) - Also known as: Hoof Snail, Keyhole Limpet, Keyhole Limpete, Lake Limpet, Limpet, Limpets, Owl Limpet, Plant Limpet, Purple Keyhole Limpet, Rayed Mediterranean Limpet, Rough Keyhole Limpet, Rver Limpet, Slipper Snail, Slit Limpet, Umbrella Slugs - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.

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	Land and sea snails (Escargot) and its Derivatives	LSN	Definition (includes Common Name): Refers to the presence of Land and sea snails (Escargot) and its derivates in the product. - Family/Genus/Species: Gastropoda (various) - Also known as: (various) - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Mussels and its Derivatives	MSS	Definition (includes Common Name): Refers to the presence of Mussels and its derivates in the product. - Family/Genus/Species: (various) - Also known as: American Angler, Bearded Horse Mussel, Blue Mussel, California Mussel, Chilean Mussel, Cholga Mussel, Mediterranean Mussel, Mussel, New Zealand Green Mussel, Northern Horse Mussel - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Octopus and its Derivatives	OCT	Definition (includes Common Name): Refers to the presence of Octopus and its derivates in the product. - Family/Genus/Species: Octopus - Also known as: Octopus, Giant Octopus, Veined Octopus, Common Octopus - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Oysters and its Derivatives	OYS	Definition (includes Common Name): Refers to the presence Oysters and its derivates in the product. - Family/Genus/Species: Ostreidae or Pteriidae/(various) - Also known as: Chilean Oyster, Eastern Oyster, Edible Oyster, European Flat Oyster, Kumamoto Oyster, New Zealand Dredge Oyster, New Zealand Rock Oyster, Olympia Oyster, Pacific Oyster, Portuguese Oyster, Sydney Rock Oyster, Tautog - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Quahaugs and its Derivatives	QUA	Definition (includes Common Name): Refers to the presence of Quahaugs and its derivates in the product. - Family/Genus/Species: Veneridae/Mercenaria/M. mercenaria - Also known as: Cherrystones, Chowder Clams, Countnecks, Quahog, Quahaug, Hard-shell Clam, Ocean Quahog, Peanut Clam, Round Clam, Topnecks, Southern Quahog - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.

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	Scallops and its Derivatives	SCA	Definition (includes Common Name): Refers to the presence of Scallops and its derivatives in the product. - Family/Genus/Species: Pectinidae/Pecten/(various) - Also known as: Atlantic Calico Scallop, Atlantic Scallop, Australian Scallop, Bay Scallop, Common Japanese Scallop, Farrer's Scallop, Giant Scallop, Great Scallop, Iceland Scallop, Lined Scallop, New Zealand Commercial Scallop, Nucleus Scallop, Pacific Calico Scallop, Paper Scallop, Patagonian Scallop, Peruvian Calico Scallop, Peruvian Scallop, Queen Scallop, Reddish Scallop, Red-ribbed Scallop, San Diego Scallop, Scallop, Scallop Saucer, Sea Scallop, Southern Queen Scallop, Southern Scallop, Spiny Scallop, Thailand Moon scallop, Weathervane Scallop, White Scallop, Zigzag Scallop - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Squid (Calamari) and its Derivatives	SQU	Definition (includes Common Name): Refers to the presence of Squid (Calamari) and its derivatives in the product. - Family/Genus/Species: (various) - Also known as: Angola Flying Squid, Argentine Shortfin Squid, Armhook Squid , Arrow Squid, Atlantic Brief Squid, Beka Squid, Bigeye Squid, Bigfin Reef Squid, Bigfin Squid , Bobtail Squid , Bottletail Squid , Bush-club Squid, Calamari, California Market Squid, Cape Horn Squid, Caribbean Reef Squid, Cock-eyed Squid , Cuttlefish , Dwarf Bobtail Squid, European Flying Squid, European Squid, Fire Squid , Firefly Squid , Flying Squid, Giant Squid , Glacial Squid , Glass Squid, Grimaldi scaled Squid , Hooked Squid , Indian Squid, Japanese Flying Squid, Joubin's Squid , Jumbo Squid, Longfin Inshore Squid, Magistrate Armhook Squid, Midsized Squid, Mitre Squid, Neritic Squid, Northern Shortfin Squid, Octopus Squid , Panama Brief Squid, Patagonian Inshore Squid, Purpleback Flying Squid, Pygmy Squid , Pyjama Squid , Ram's horn Squid , Sharpear enope Squid , Southern Reef Squid, Southern Shortfin Squid, Stout Bobtail Squid, Wellington Flying Squid, Whip-lash Squid - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Molluscs and Their Derivatives	UM	Definition (includes Common Name): Refers to the presence of molluscs and its derivatives in the product. - Family/Genus/Species: Mollusca (various) - Also known as: (various) - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Whelks and its Derivatives	WHK	Definition (includes Common Name): Refers to the presence of Whelks and its derivatives in the product. - Family/Genus/Species: Buccinidae or Ranellidae or Trochidae/(various) - Also known as: Busycon Whelk, Channeled Whelk, Common Periwinkle, Dog Whelk, Maculated Ivory Whelk, Magpie Whelk, Pear Whelk, Scungili, Veined Rapa Whelk, West Indian Top Shell Whelk, Whelk, Wilk - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.

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Soybeans	Soybean and its Derivatives	AY	Definition (includes Common Name): Refers to the presence of Soybean and its derivatives in the product, as listed in in the product. - Family/Genus/Species: Glycine max. - Also known as: Soya bean - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
Tree Nuts	Tree Nuts and Their Derivatives	AN	Definition (includes Common Name): Refers to the presence of Tree nuts or nuts and its derivatives in the product. - Family/Genus/Species: Fagales. - Also known as: Nuts - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Japanese horse chestnut (Aesculus turbinata) and its derivatives	JCH	Definition (includes Common Name): Refers to the presence of Japanese horse chestnuts and its derivatives in the product. - Family/Genus/Species: Aesculus turbinata. - Also known as: - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Pine Nut and Their Derivatives	PN	Definition (includes Common Name): Refers to the presence of Pine nuts and its derivatives in the product. - Family/Genus/Species: Pinus. - Also known as: Pine seeds. - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Almond and Almond Products	SA	Definition (includes Common Name): Refers to the presence of almonds and its derivatives in the product. - Family/Genus/Species: Prunus dulcis. - Also known as: - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Seed Products	SB	Definition (includes Common Name): Refers to the presence of Seed products and its derivatives in the product - Family/Genus/Species: - Also known as: - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Cashew and Cashew Products	SC	Definition (includes Common Name): Refers to the presence of Cashews and its derivatives in the product. - Family/Genus/Species: Anacardium occidentale. - Also known as: Cashew nut. - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Beech Nuts and Their Derivatives	SD	Definition (includes Common Name): Refers to the presence of beech nuts and its derivatives in the product. - Family/Genus/Species: Fagus. - Also known as: Beech mast. - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Butternuts and Their Derivatives	SE	Definition (includes Common Name): Refers to the presence of butternuts and its derivatives in the product. - Family/Genus/Species: Juglans cinerea. - Also known as: White walnut. - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.

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	Ginkgo Nuts and Their Derivatives	SG	Definition (includes Common Name): Refers to the presence of Ginkgo nuts and its derivatives in the product. - Family/Genus/Species: Ginkgo. - Also known as: Ginkgo seeds, Gingko. - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Hazelnut and Hazelnut Products	SH	Definition (includes Common Name): Refers to the presence of Hazelnuts and its derivatives in the product. - Family/Genus/Species: Corylus. - Also known as: Cobnuts, Filberts. - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Hickory Nuts and Their Derivatives	SI	Definition (includes Common Name): Refers to the presence of hickory nuts and its derivatives in the product. - Family/Genus/Species: Carya. - Also known as: - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Shea Nuts and Their Derivatives	SJ	Definition (includes Common Name): Refers to the presence of Shea nuts and its derivatives in the product. - Family/Genus/Species: Vitellaria paradoxa. - Also known as: Shi nut. - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Pili Nuts and Their Derivatives	SK	Definition (includes Common Name): Refers to the presence of Pili nuts and its derivatives in the product. - Family/Genus/Species: Canarium ovatum. - Also known as: Pili seeds. - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Lichee Nuts and Their Derivatives	SL	Definition (includes Common Name): Refers to the presence of Lichee nuts and its derivatives in the product. - Family/Genus/Species: Litchi chinensis. - Also known as: Lichee seeds. - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Macadamia Nut and Macadamia Nut Products	SM	Definition (includes Common Name): Refers to the presence of Macadamia nuts and its derivatives in the product. - Family/Genus/Species: Macadamia. - Also known as: Queensland nut, Bush nut, Maroochi nut, Bauple nut and Hawaii nut. - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Chestnuts and Their Derivatives	SN	Definition (includes Common Name): Refers to the presence of chestnuts and its derivatives in the product. - Family/Genus/Species: Castanea. - Also known as: Sardinian nut, Jupiter's nut, and Spanish chestnut. - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Coconuts and Their Derivatives	SO	Definition (includes Common Name): Refers to the presence of coconuts and its derivatives in the product. - Family/Genus/Species: Cocos nucifera. - Also known as: - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.

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Allergen Category	Allergen Type Code Description	Allergen Type Code	Comments
	Pecan Nut and Pecan Nut Products	SP	Definition (includes Common Name): Refers to the presence of Pecan nuts and its derivatives in the product. - Family/Genus/Species: Carya illinoensis. - Also known as: - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Queensland Nut and Queensland Nut Products	SQ	Definition (includes Common Name): Refers to the presence of Queensland nuts and its derivatives in the product. - Family/Genus/Species: Macadamia. - Also known as: Macadamia nut, Bush nut, Maroochi nut, Bauple nut and Hawaii nut. - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Brazil Nut and Brazil Nut Products	SR	Definition (includes Common Name): Refers to the presence of brazil nuts and its derivatives in the product. - Family/Genus/Species: Bertholletia excelsa. - Also known as: Castanha. - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Pistachio and Pistachio Products	ST	Definition (includes Common Name): Refers to the presence of Pistachio and its derivatives in the product. - Family/Genus/Species: Pistacia. - Also known as: - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Walnut and Walnut Products	SW	Definition (includes Common Name): Refers to the presence of Walnuts and its derivatives in the product. - Family/Genus/Species: Juglans. - Also known as: - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
Wheat	Cereals and Their Derivatives	AW	Definition (includes Common Name): Refers to the presence of Cereals and its derivatives in the product. - Family/Genus/Species: Poaceae/Gramineae. - Also known as: Grasses, Grains. - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Other gluten Containing Grain and Gluten Containing Grain Products	AX	Definition (includes Common Name): Refers to the presence of Other gluten containing grain and its derivatives. - Family/Genus/Species: - Also known as: - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Wheat and Their Derivatives	UW	Definition (includes Common Name): Refers to the presence of Wheat and its derivatives in the product. - Family/Genus/Species: Triticum. - Also known as: - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Barley and Barley Products	GB	Definition (includes Common Name): Refers to the presence of barley and its derivatives in the product. - Family/Genus/Species: Hordeum vulgare. - Also known as: - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.

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Allergen Category	Allergen Type Code Description	Allergen Type Code	Comments
	Kamut	GK	Definition (includes Common Name): Refers to the presence of kamut and its derivatives in the product. - Family/Genus/Species: Triticum turanicum. - Also known as: Khorasan wheat, Oriental wheat. - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Glutamate and Their Derivatives	GL	Definition (includes Common Name): Refers to the presence of Glutamate and its derivatives in the product. - Family/Genus/Species: - Also known as: Glutamic acid. - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Oats	GO	Definition (includes Common Name): Refers to the presence of Oat and its derivatives in the product. - Family/Genus/Species: Avena sativa. - Also known as: Common oat. - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Spelt and Spelt Products	GS	Definition (includes Common Name): Refers to the presence of Spelt and its derivatives in the product. - Family/Genus/Species: Pooideae/Triticum/T. spelta - Also known as: Spelt, Dinkel Wheat, Hulled Wheat - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Rye and Their Derivatives	NR	Definition (includes Common Name): Refers to the presence of Rye and its derivatives in the product. - Family/Genus/Species: Secale cereale. - Also known as: - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.
	Pulses	SX	Definition (includes Common Name): Refers to the presence of pulses in the product. This excludes green beans and green peas, which are considered vegetable crops. Also excluded are crops that are mainly grown for oil extraction. - Family/Genus/Species: Fabaceae. - Also known as: Dry seed legume Crops. - Disclaimer: Refers to the presence of the allergen in the product, as listed in the regulations specified by an agency and specification or any local market regulations.

3.4.2 LEVEL OF CONTAINMENT CODES

Level of Containment Code Description	Level of Containment Code	Comments
Not intentionally nor inherently included	30	Also known as "Does not contain". The substance is not intentionally nor inherently included in the product, however because it is assessed to not require a cross contact declaration, product testing may not always be conducted for confirmation for example milk not inherently containing shellfish or peanuts or cheese sticks with no declaration of shellfish.

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Level of Containment Code Description	Level of Containment Code	Comments
Derived From	50	Derived From: The product has been derived from ingredients with the specified condition as defined by the regulatory authority in the target market.
Not Derived From	60	Not Derived From: The product has not been derived from ingredients with the specified condition as defined by the regulatory authority in the target market.
Contains	CONTAINS	Intentionally included in the product.
Free from	FREE_FROM	The product is free from the indicated substance. "Free from" may be defined by a regulatory authority in the target market.
May contain	MAY_CONTAIN	The substance is not intentionally included, but due to shared production facilities or other reasons, the product may contain the substance.
Undeclared	UNDECLARED	Not intentionally included and assessed not to require a cross-contact declaration. "Undeclared" may be defined by a regulatory authority in the target market.

3.5 Product Formulation Statement

USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
Contained Alternative Protein Percent	Contained Alternative Protein Percent	productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableAlternativeProtein/containedAlternativeProteinPercent	CR	If productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableAlternativeProtein/creditableAlternativeProteinPerPortion is not null, then Contained Alternative Protein Percent (productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableAlternativeProtein/containedAlternativeProteinPercent) must not be null.
Creditable Alternative Protein Per Portion	Creditable Alternative Protein Per Portion	productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableAlternativeProtein/creditableAlternativeProteinPerPortion	CR	If productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableAlternativeProtein/containedAlternativeProteinPerPortion is not null, then creditableAlternativeProteinPerPortion (productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableAlternativeProtein/creditableAlternativeProteinPerPortion) must not be null.
Creditable Amount	Creditable Amount	productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableAmount	CR	If any attributes in the productFormulationStatement/creditableIngredient/creditableIngredientDetails group are populated, then Creditable Amount (productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableAmount) must not be null.
Creditable Grain Group Code	Creditable Grain Group Code	productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableGrains	CR	If productFormulationStatement/creditableIngredient/creditableIngr

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USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
		Information/creditableGrain/creditableGrainGroupCode		edientDetails/creditableGrainsInformation/creditableGrain/exhibitGroup is not null, then Creditable Grain Group Code (productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableGrainsInformation/creditableGrain/creditableGrainGroupCode) must not be null.
Exhibit Group	Exhibit Group	productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableGrainsInformation/creditableGrain/exhibitGroup	CR	If productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableGrainsInformation/creditableGrain/creditableGrainGroupCode is not null, then Exhibit Group (productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableGrainsInformation/creditableGrain/exhibitGroup) must not be null.
Creditable Grain Amount Per Portion	Creditable Grain Amount Per Portion	productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableGrainsInformation/creditableGrainAmountPerPortion	CR	If any attributes in the productFormulationStatement/creditableIngredient/creditableIngredientDetails group are populated and productFormulationStatement/creditableIngredient/creditableIngredientTypeCode is GRAIN_OR_GRAIN_ALTERNATIVE, then Creditable Grain Amount Per Portion (productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableGrainsInformation/creditableGrainAmountPerPortion) must not be null.
Creditable Grain Standard	Creditable Grain Standard	productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableGrainsInformation/creditableGrainStandard	CR	If any attributes in the productFormulationStatement/creditableIngredient/creditableIngredientDetails group are populated and productFormulationStatement/creditableIngredient/creditableIngredientTypeCode is GRAIN_OR_GRAIN_ALTERNATIVE, then Creditable Grain Standard (productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableGrainsInformation/creditableGrainStandard) must not be null.
Does Trade Item Contain Noncreditable Grains	Does Trade Item Contain Noncreditable Grains	productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableGrainsInformation/doesTradeItemContainNoncreditableGrains	CR	If any attributes in the productFormulationStatement/creditableIngredient/creditableIngredientDetails group are populated and productFormulationStatement/creditableIngredient/creditableIngredientTypeCode is GRAIN_OR_GRAIN_ALTERNATIVE, then Creditable Grain Standard (productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableGrainsInformation/creditableGrainStandard) must not be null.
Does Trade Item Meet Whole Grain Rich Criteria	Does Trade Item Meet Whole Grain Rich Criteria	productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableGrainsInformation/doesTradeItemMeetWholeGrainRichCriteria	CR	If any attributes in the productFormulationStatement/creditableIngredient/creditableIngredientDetails group are populated and productFormulationStatement/creditableIngredient/creditableIngredientTypeCode is GRAIN_OR_GRAIN_ALTERNATIVE, then Creditable Grain Standard (productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableGrainsInformation/creditableGrainStandard) must not be null.

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USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
				edientTypeCode is GRAIN_OR_GRAIN_ALTERNATIVE, then Creditable Grain Standard (productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableGrainsInformation/creditableGrainStandard) must not be null.
Non Creditable Grain Amount	Non Creditable Grain Amount	productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableGrainsInformation/noncreditableGrain/noncreditableGrainAmount	CR	If productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableGrainsInformation/noncreditableGrain/noncreditableGrainDescription is not null, then Non Creditable Grain Amount (productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableGrainsInformation/noncreditableGrain/noncreditableGrainAmount) must not be null.
Non Creditable Grain Description	Non Creditable Grain Description	productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableGrainsInformation/noncreditableGrain/noncreditableGrainDescription	CR	If productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableGrainsInformation/noncreditableGrain/noncreditableGrainAmount is not null, then Non Creditable Grain Description (productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableGrainsInformation/noncreditableGrain/noncreditableGrainDescription) must not be null.
Creditable Ingredient Amount Per Raw Portion	Creditable Ingredient Amount Per Raw Portion	productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableIngredientAmountPerRawPortion	O	
Creditable Ingredient Description	Creditable Ingredient Description	productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableIngredientDescription	CR	If any attributes in the productFormulationStatement/creditableIngredient/creditableIngredientDetails group are populated, then Creditable Ingredient Description (productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableIngredientDescription) must not be null.
Total Vegetable Subgroup Amount	Total Vegetable Subgroup Amount	productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableVegetable/totalVegetableSubgroupAmount	CR	If productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableVegetable/vegetableSubgroupCode is not null, then Total Vegetable Subgroup Amount (productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableVegetable/totalVegetableSubgroupAmount) must not be null.
Vegetable Subgroup Code	Vegetable Subgroup Code	productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableVegetable/vegetableSubgroupCode	CR	If productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableVegetable/totalVegetableSubgroupAmount is not null, then Vegetable Subgroup Code (productFormulationStatement/creditableIngredient/creditableIngredientDetails/creditableVegetable/vegetableSubgroupCode) must not be null.

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USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
Yield Servings Per Unit	Yield Servings Per Unit	productFormulationStatement/creditableIngredient/creditableIngredientDetails/yieldServingsPerUnit	O	
Creditable Ingredient Type Code	Creditable Ingredient Type Code	productFormulationStatement/creditableIngredient/creditableIngredientTypeCode	CR FNS	If any attributes in the productFormulationStatement group are populated, then Creditable Ingredient Type Code (productFormulationStatement/creditableIngredient/creditableIngredientTypeCode) must not be null.
Total Creditable Ingredient Type Amount	Total Creditable Ingredient Type Amount	productFormulationStatement/creditableIngredient/totalCreditableIngredientTypeAmount	CR FNS	If any attributes in the productFormulationStatement group are populated, then Total Portion Weight As Purchased (productFormulationStatement/totalPortionWeightAsPurchased) must not be null.
Product Formulation Statement Description	Product Formulation Statement Description	productFormulationStatement/productFormulationStatementDescription	CR FNS	If any attributes in the productFormulationStatement group are populated, then Product Formulation Statement Description (productFormulationStatement/productFormulationStatementDescription) must not be null.
Alternate Text	Alternate Text	productFormulationStatement/productFormulationStatementDocument/alternateText	O	
Content Description	Content Description	productFormulationStatement/productFormulationStatementDocument/contentDescription	O	
File Creation Program	File Creation Program	productFormulationStatement/productFormulationStatementDocument/fileCreationProgram	O	
File Effective End Date	File Effective End Date	productFormulationStatement/productFormulationStatementDocument/fileEffectiveEndDateTime	CR	If productFormulationStatement/productFormulationStatementDocument/fileEffectiveEndDateTime and productFormulationStatement/productFormulationStatementDocument/fileEffectiveStartDateTime are both not null, then File Effective End Date (productFormulationStatement/productFormulationStatementDocument/fileEffectiveEndDateTime) must be later than or equal to File Effective Start Date (productFormulationStatement/productFormulationStatementDocument/fileEffectiveStartDateTime).
File Effective Start Date	File Effective Start Date	productFormulationStatement/productFormulationStatementDocument/fileEffectiveStartDateTime	CR	If productFormulationStatement/productFormulationStatementDocument/fileEffectiveStartDateTime and productFormulationStatement/productFormulationStatementDocument/fileEffectiveEndDateTime are both not null, then File Effective Start Date (productFormulationStatement/productFormulationStatementDocument/fileEffectiveStartDateTime) must be earlier than or equal to File Effective End Date (productFormulationStatement/productFormulationStatementDocument/fileEffectiveEndDateTime).

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USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
File Format Description	File Format Description	productFormulationStatement/productFormulationStatementDocument/fileFormatDescription	O	
File Format Name	File Format Name	productFormulationStatement/productFormulationStatementDocument/fileFormatName	O	
File Language	File Language	productFormulationStatement/productFormulationStatementDocument/fileLanguageCode	O	
File Name	File Name	productFormulationStatement/productFormulationStatementDocument/fileName	O	
File Optimal Viewer Name	File Optimal Viewer Name	productFormulationStatement/productFormulationStatementDocument/fileOptimalViewerName	O	
File Origin Country	File Origin Country	productFormulationStatement/productFormulationStatementDocument/fileOriginCountryCode	O	
File Sequence Number	File Sequence Number	productFormulationStatement/productFormulationStatementDocument/fileSequenceNumber	O	
File Version	File Version	productFormulationStatement/productFormulationStatementDocument/fileVersion	O	
Is Primary File	Is Primary File	productFormulationStatement/productFormulationStatementDocument/isPrimaryFile	O	
Referenced File Type Code	Referenced File Type Code	productFormulationStatement/productFormulationStatementDocument/referencedFileTypeCode	CR	If productFormulationStatement/productFormulationStatementDocument/uniformResourceIdentifier is not null, then Referenced File Type Code (productFormulationStatement/productFormulationStatementDocument/referencedFileTypeCode) must not be null.
Title Text	Title Text	productFormulationStatement/productFormulationStatementDocument/titleText	O	
Uniform Resource Identifier	Uniform Resource Identifier	productFormulationStatement/productFormulationStatementDocument/uniformResourceIdentifier	CR	If productFormulationStatement/productFormulationStatementDocument/referencedFileTypeCode is not null, then Uniform Resource Identifier (productFormulationStatement/productFormulationStatementDocument/uniformResourceIdentifier) must not be null.
Regulatory Body Code	Regulatory Body Code	productFormulationStatement/productFormulationStatementRegulatoryBodyCode	CR	If any attributes in the productFormulationStatement group are populated, then Regulatory Body Code (productFormulationStatement/productFormulationStatementRegulatoryBodyCode) must not be null.
Total Portion Weight As Purchased	Total Portion Weight As Purchased	productFormulationStatement/totalPortionWeightAsPurchased	CR	If any attributes in the productFormulationStatement group are populated, then Total Creditable Ingredient Type Amount (productFormulationStatement/creditableIngredient/totalCreditableIngredientTypeAmount) must not be null. If productFormulationStatement/creditableIngredient/totalCreditableIngredientTypeAmount is not null, then one instance of Total

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USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
				Portion Weight As Purchased (productFormulationStatement/creditableIngredient/totalCreditableIngredientTypeAmount) must have a qualifier of Gram (GRM).

3.6 Child Nutrition Label

USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
Child Nutrition Expiration DateTime	Child Nutrition Expiration DateTime	childNutritionLabel/childNutritionExpirationDate Time	0	
Alternate Text	Alternate Text	childNutritionLabel/childNutritionLabelDocument /alternateText	0	
Content Description	Content Description	childNutritionLabel/childNutritionLabelDocument /contentDescription	0	
File Creation Program	File Creation Program	childNutritionLabel/childNutritionLabelDocument /fileCreationProgram	0	
File Effective End Date	File Effective End Date	childNutritionLabel/childNutritionLabelDocument /fileEffectiveEndDateTime	CR	If childNutritionLabel/childNutritionLabelDocument/fileEffectiveEndDateTime and childNutritionLabel/childNutritionLabelDocument/fileEffectiveStartDateTime are both not null, then File Effective End Date (childNutritionLabel/childNutritionLabelDocument/fileEffectiveEndDateTime) must be later than or equal to File Effective Start Date (childNutritionLabel/childNutritionLabelDocument/fileEffectiveStartDateTime).
File Effective Start Date	File Effective Start Date	childNutritionLabel/childNutritionLabelDocument /fileEffectiveStartDateTime	CR	If childNutritionLabel/childNutritionLabelDocument/fileEffectiveStartDateTime and childNutritionLabel/childNutritionLabelDocument/fileEffectiveEndDateTime are both not null, then File Effective Start Date (childNutritionLabel/childNutritionLabelDocument/fileEffectiveStartDateTime) must be earlier than or equal to File Effective End Date (childNutritionLabel/childNutritionLabelDocument/fileEffectiveEndDateTime).
File Format Description	File Format Description	childNutritionLabel/childNutritionLabelDocument /fileFormatDescription	0	
File Format Name	File Format Name	childNutritionLabel/childNutritionLabelDocument /fileFormatName	0	
File Language	File Language	childNutritionLabel/childNutritionLabelDocument /fileLanguageCode	0	

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USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
File Name	File Name	childNutritionLabel/childNutritionLabelDocument/fileName	O	
File Optimal Viewer Name	File Optimal Viewer Name	childNutritionLabel/childNutritionLabelDocument/fileOptimalViewerName	O	
File Origin Country	File Origin Country	childNutritionLabel/childNutritionLabelDocument/fileOriginCountryCode	O	
File Sequence Number	File Sequence Number	childNutritionLabel/childNutritionLabelDocument/fileSequenceNumber	O	
File Version	File Version	childNutritionLabel/childNutritionLabelDocument/fileVersion	O	
Is Primary File	Is Primary File	childNutritionLabel/childNutritionLabelDocument/isPrimaryFile	O	
Referenced File Type Code	Referenced File Type Code	childNutritionLabel/childNutritionLabelDocument/referencedFileTypeCode	CR	If childNutritionLabel/childNutritionLabelDocument/uniformResourceIdentifier is not null, then Referenced File Type Code (childNutritionLabel/childNutritionLabelDocument/referencedFileTypeCode) must not be null.
Title Text	Title Text	childNutritionLabel/childNutritionLabelDocument/titleText	O	
Uniform Resource Identifier	Uniform Resource Identifier	childNutritionLabel/childNutritionLabelDocument/uniformResourceIdentifier	CR	If childNutritionLabel/childNutritionLabelDocument/referencedFileTypeCode is not null, then Uniform Resource Identifier (childNutritionLabel/childNutritionLabelDocument/uniformResourceIdentifier) must not be null.
Child Nutrition Label Statement	Child Nutrition Label Statement	childNutritionLabel/childNutritionLabelStatement	CR FNS	If any attributes in the childNutritionLabel group are populated, then childNutritionLabel/childNutritionLabelStatement must not be null.
Child Nutrition Product Identification	Child Nutrition Product Identification	childNutritionLabel/childNutritionProductIdentification	CR	If any attributes in the childNutritionLabel group are populated, then childNutritionLabel/childNutritionProductIdentification must not be null.
Child Nutrition Qualified Value	Child Nutrition Qualified Value	childNutritionLabel/childNutritionQualifier/childNutritionQualifiedValue	CR FNS	If any attributes in the childNutritionLabel group are populated, then childNutritionLabel/childNutritionQualifier/childNutritionQualifiedValue must not be null. If childNutritionLabel/childNutritionQualifier/childNutritionQualifiedValue is not null, then one value must have a qualifier of GRM (Gram).
Child Nutrition Qualifier Code	Child Nutrition Qualifier Code	childNutritionLabel/childNutritionQualifier/childNutritionQualifierCode	CR FNS	If any attributes in the childNutritionLabel group are populated, then childNutritionLabel/childNutritionQualifier/childNutritionQualifierCode must not be null.

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USDA Foods Program Item Attribute	IM GUI Name	IM XML Name	Minimum Required	Notes
Child Nutrition Value	Child Nutrition Value	childNutritionLabel/childNutritionQualifier/childNutritionValue	CR FNS	If any attributes in the childNutritionLabel group are populated, then childNutritionLabel/childNutritionQualifier/childNutritionValue must not be null.

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REVISION HISTORY

Date	Version #	Description of Change	Author
05/07/2021	1	Initial document	M. Crown, B. Curran
08/03/2021	2	Updated Trade Channel Attribute	B. Curran
11/16/2021	3	Updated Attribute Requirements	B. Curran
2/21/2022	4	Updated Attribute Requirements	B. Curran