

## Entering Nutrition Information Panel data in the National Product Catalogue (NPC)

The Nutrition Information Panel (NIP) on a product’s packaging provides information about the average amount of nutrition contents in the product. If the product supplied to grocery retailers has a NIP, suppliers are expected to provide this information. This guide will outline how the NIP can be loaded into the NPC. If you require further assistance with loading NIP data into NPC, please contact the NPC Customer Support Team on 1300 227 263 or email [NPCCustomerSupport@gs1au.org](mailto:NPCCustomerSupport@gs1au.org) or your Certified Product Partner.

Please refer to an example of a Nutrition Information Panel. It is expected all information that is available in your product’s NIP is accurately reflected in the NPC. This information includes:

- Serving information
- All nutrition contents
- For each nutrition content, the quantity per serving
- For each nutrition content, the daily intake per serving (%)
- For each nutrition content, the quantity per measure (generally, measure is per 100ml or per 100gram)

The example used in this guide is a typical Nutritional Information Panel. For complex NIP scenarios, please contact the NPC Customer Support Team for further assistance.

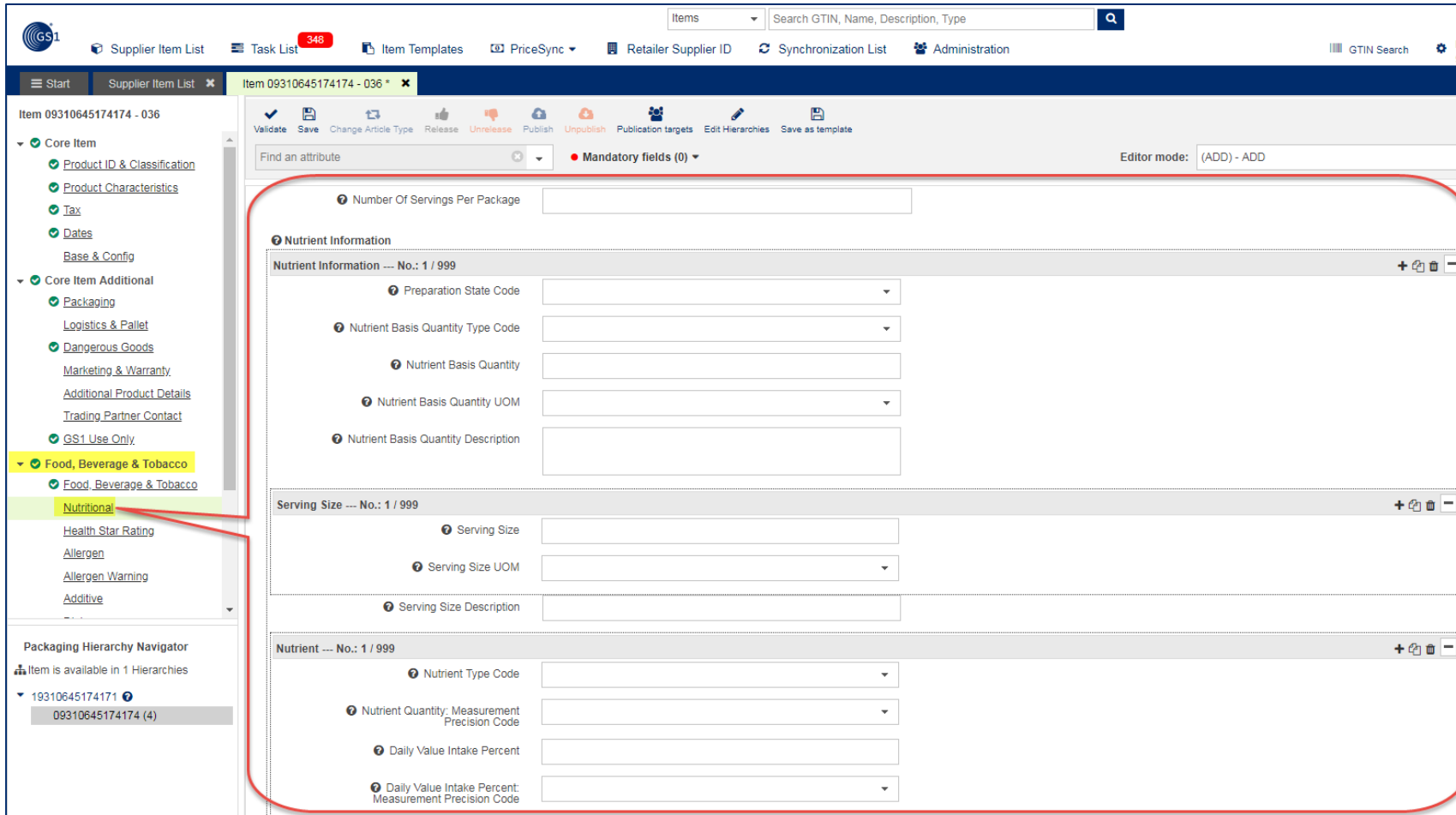
### Nutrition Information Panel (example only)

Nutrition Information				
Servings per Package – 4				
Serving Size – 30g				
Content	Qty per serving	Daily Intake (%) per serving	Qty per serving (with 125ml milk)	Qty per 100ml
Energy	200Kj	8	323Kj	666.67Kj
Protein	2.5g	<8	3.6g	8.3g
Fat, Total	5.4g	0	7.1g	18g
Saturated	1.7g	0	2.8g	5.7g
Carbohydrate	20.5g	0	25.6g	68.3g
Sugars	9.1g	13	13.3g	30.3g
Dietary Fibre	2.8g	44	4.1g	9.3g
Sodium	4mg	2	6mg	13mg

If you wish to outsource the gathering of NIP data for your products, GS1 Australia can capture this information via the Smart Media Content Creation Service. For more information on the Smart Media Content Creation go to <https://www1.gs1au.org/our-services/smart-media/publisher>.

## Locating the Nutritional fields in the NPC Publisher

Within the NPC Publisher item editor, nutritional information attributes are grouped together. To locate the attributes, select: **Food, Beverage & Tobacco -> Nutritional**



The screenshot shows the GS1 NPC Publisher interface for item 09310645174174 - 036. The left sidebar contains a tree view of categories, with 'Food, Beverage & Tobacco' selected and 'Nutritional' highlighted. The main editor area shows the following fields:

- Number Of Servings Per Package
- Nutrient Information** (No.: 1 / 999)
  - Preparation State Code
  - Nutrient Basis Quantity Type Code
  - Nutrient Basis Quantity
  - Nutrient Basis Quantity UOM
  - Nutrient Basis Quantity Description
- Serving Size** (No.: 1 / 999)
  - Serving Size
  - Serving Size UOM
  - Serving Size Description
- Nutrient** (No.: 1 / 999)
  - Nutrient Type Code
  - Nutrient Quantity: Measurement Precision Code
  - Daily Value Intake Percent
  - Daily Value Intake Percent: Measurement Precision Code

## Number of Servings per Package and Serving Size

Refer to the Nutrition Information Panel (NIP) on your product. Provide:

1. The **Number of Servings Per Package**
2. **Serving Size**
3. **Serving Size Unit of Measurement (UoM)**

### Nutrition Information Panel (example only)

Nutrition Information			
Servings per Package – 4			
Serving Size – 30g			
Content	Qty per serving	Daily Intake (%) per serving	Qty per 100ml
Energy	200Kj	8	666.67Kj
Protein	2.5g	<8	8.3g
Fat, Total	5.4g	0	18g
Saturated	1.7g	0	5.7g
Carbohydrate	20.5g	0	68.3g
Sugars	9.1g	13	30.3g
Dietary Fibre	2.8g	44	9.3g
Sodium	4mg	2	13mg

### National Product Catalogue Publisher

Number Of Servings Per Package 4

**Nutrient Information**  
 Nutrient Information --- No.: 1 / 999  
 Preparation State Code:   
 Nutrient Basis Quantity Type Code:   
 Nutrient Basis Quantity:   
 Nutrient Basis Quantity UOM:   
 Nutrient Basis Quantity Description:

**Serving Size --- No.: 1 / 999**  
 Serving Size: 30  
 Serving Size UOM: (GRM) - Gram

## Nutrition Information BY SERVING

Provide the Nutrition Information **BY SERVING**:

1. Populate the **Preparation State** of the product. This is a code that specifies the preparation state of the product. Select code (PREPARED), (UNPREPARED) or (AS\_DRAINED)
2. Select **'BY\_SERVING'** for the **Nutrient Basis Quantity Type Code**
3. **Nutrient Basis Quantity** (this is generally the same as the Serving Size)
4. **Nutrient Basis Quantity UoM** (this is generally the same as the Serving Size UoM)

### Nutrition Information Panel (example only)

Nutrition Information			
Servings per Package – 4			
Serving Size – 30g			
Content	Qty per serving	Daily Intake (%) per serving	Qty per 100ml
Energy	200Kj	8	666.67Kj
Protein	2.5g	<8	8.3g
Fat, Total	5.4g	0	18g
Saturated	1.7g	0	5.7g
Carbohydrate	20.5g	0	68.3g
Sugars	9.1g	13	30.3g
Dietary Fibre	2.8g	44	9.3g
Sodium	4mg	2	13mg

### National Product Catalogue Publisher

Number Of Servings Per Package

**Nutrient Information**

Nutrient Information --- No.: 1 / 999

Preparation State Code  ▼

Nutrient Basis Quantity Type Code  ▼

Nutrient Basis Quantity

Nutrient Basis Quantity UOM  ▼

Nutrient Basis Quantity Description

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Serving Size --- No.: 1 / 999

Serving Size

Serving Size UOM  ▼

## Nutrition Information BY SERVING (cont...)

Enter your product's nutrient and nutrient quantity values into the NPC:

1. From the drop-down list, select the **Nutrient Type Code** ([see commonly used Nutrient Type Codes](#))
2. **Nutrient Quantity: Measure Precision Code:** (EXACT), (APPROXIMATE), (LESS\_THAN), (TRACE) or (UNDETECTABLE)
3. **Nutrient Quantity**
4. **Nutrient Quantity UoM**

### Nutrition Information Panel (example only)

Nutrition Information			
Servings per Package – 4			
Serving Size – 30g			
Content	Qty per serving	Daily Intake (%) per serving	Qty per 100ml
Energy	200Kj	8	666.67Kj
Protein	2.5g	<8	8.3g
Fat, Total	5.4g	0	18g
Saturated	1.7g	0	5.7g
Carbohydrate	20.5g	0	68.3g
Sugars	9.1g	13	30.3g
Dietary Fibre	2.8g	44	9.3g
Sodium	4mg	2	13mg

### National Product Catalogue Publisher

Nutrient --- No.: 1 / 999

**Nutrient Type Code** (ENER-) - energy; method of determination unknown or variable

**Nutrient Quantity: Measurement Precision Code** (EXACT) - Exact value (=)

Daily Value Intake Percent:

Daily Value Intake Percent: Measurement Precision Code:

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Nutrient Quantity --- No.: 1 / 1

**Nutrient Quantity** 200

**Nutrient Quantity UOM** (KJO) - Kilojoule

Repeat the Nutrient group by clicking on the '+' and follow the steps above to add the additional nutrition contents (Protein, Fat, Carbohydrate, etc.) Please note all nutrition content available on your product's packaging must be uploaded to the NPC.

Nutrient --- No.: 1 / 999 + -

**Nutrient Type Code** (ENER-) - energy; method of determination unknown or variable

## Daily Value Intake Percentage

The daily value intake percentage is based on per serve. If the Daily Intake is available on your product packaging, populate for each nutrition content:

- Daily Value Intake Percent**
- Daily Value Intake Percent: Measurement Precision Code:** (EXACT), (APPROXIMATE), (LESS THAN), (TRACE) or (UNDETECTABLE)

### Nutritional Information Panel (example only)

Nutrition Information			
Servings per Package – 4			
Serving Size – 30g			
Content	Qty per serving	Daily Intake (%) per serving	Qty per 100ml
Energy	200Kj	8	666.67Kj
Protein	2.5g	<8	8.3g
Fat, Total	5.4g	0	18g
Saturated	1.7g	0	5.7g
Carbohydrate	20.5g	0	68.3g
Sugars	9.1g	13	30.3g
Dietary Fibre	2.8g	44	9.3g
Sodium	4mg	2	13mg

### National Product Catalogue Publisher

Nutrient --- No.: 2 / 999

(PRO-) - protein, total; method of determination unknown or var

(EXACT) - Exact value (=)

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(LESS\_THAN) - Less than (<) - Too small for precise measuren

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Nutrient Quantity --- No.: 1 / 1

2.5

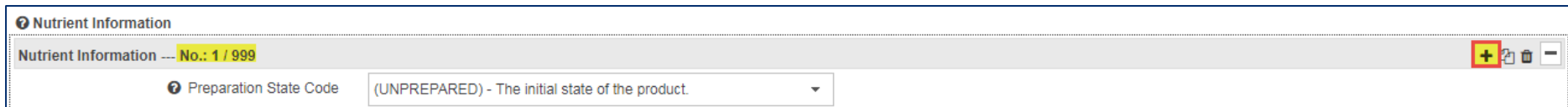
(GRM) - Gram

Make sure the Measurement Precision Code and Daily Value Intake Percent is provided for all nutrition content.

## Nutrition Information BY SERVING with... (e.g. milk)

Products like powdered drink mix or cereals may have an UNPREPARED and PREPARED state. The PREPARED state is generally with added substance (e.g. milk) and identified in an additional column on the NIP. To add the nutrient content in its PREPARED state:

1. Repeat the 1st Nutrient Information group by clicking the '+' (The 1<sup>st</sup> Nutrient group would contain the nutrient content of the product in its UNPREPARED state.)



Nutrient Information --- No.: 1 / 999

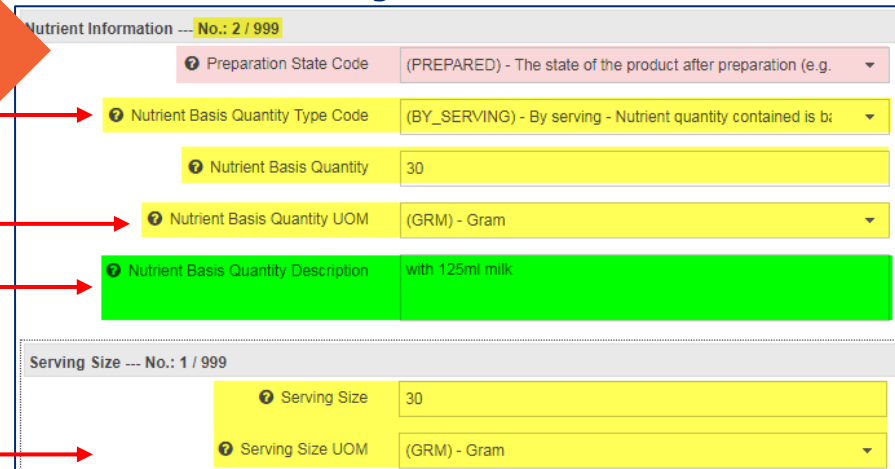
Preparation State Code (UNPREPARED) - The initial state of the product.

2. In the new group, populate the **Preparation State Code** as: (PREPARED)
3. Select **'BY\_SERVING'** for the **Nutrient Basis Quantity Type Code**
4. Provide the **Nutrient Basis Quantity and UoM** (this is generally the same as the Serving Size)
5. Provide the volume of the added substance in **Nutrient Basis Quantity Description**
6. Provide the **Serving Size** and **Serving Size UoM**
7. Repeat the steps to populate all nutrition content with the added substance on [page 5](#)

### Nutritional Information Panel (example only)

Content	UNPREPARED		PREPARED	
	Qty per serving	Daily Intake (% per serving)	Qty per serving (with 125ml milk)	Qty per 100ml
Energy	200Kj	8	323Kj	666.67Kj
Protein	2.5g	<8	3.6g	8.3g
Fat, Total	5.4g	0	7.1g	18g
Saturated	1.7g	0	2.8g	5.7g
Carbohydrate	20.5g	0	25.6g	68.3g
Sugars	9.1g	13	13.3g	30.3g
Dietary Fibre	2.8g	44	4.1g	9.3g
Sodium	4mg	2	6mg	13mg

### National Product Catalogue Publisher



Nutrient Information --- No.: 2 / 999

Preparation State Code (PREPARED) - The state of the product after preparation (e.g. ...)

Nutrient Basis Quantity Type Code (BY\_SERVING) - By serving - Nutrient quantity contained is b:

Nutrient Basis Quantity 30

Nutrient Basis Quantity UoM (GRM) - Gram

Nutrient Basis Quantity Description with 125ml milk

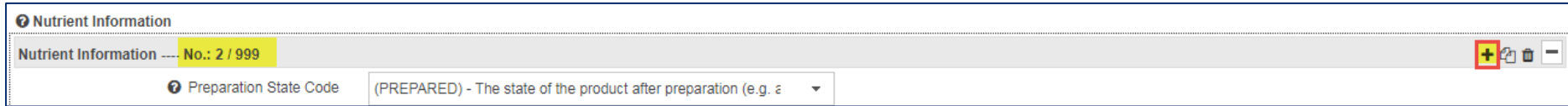
Serving Size --- No.: 1 / 999

Serving Size 30

Serving Size UoM (GRM) - Gram

## Nutrition Information BY MEASURE

Repeat the Nutrient Information group by clicking the '+' to provide the nutrition information **BY MEASURE**.



Nutrient Information --- No.: 2 / 999

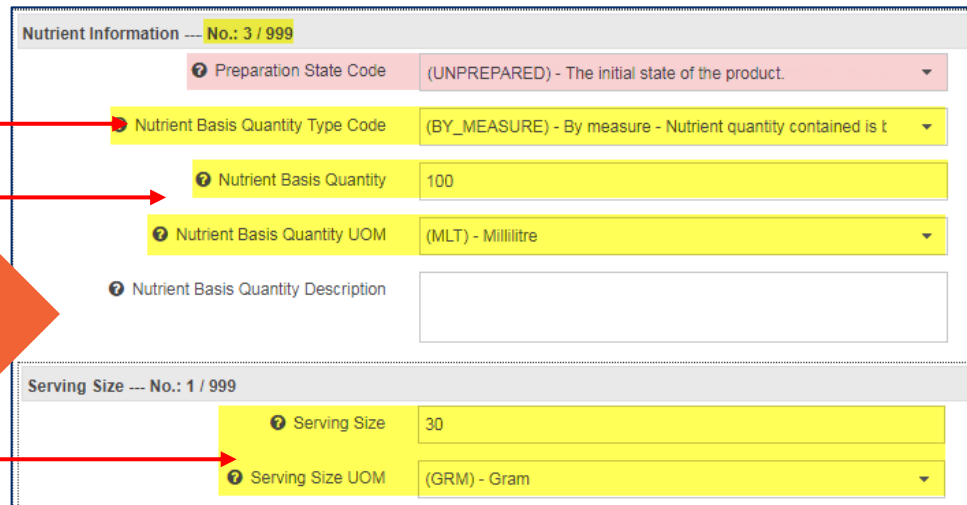
Preparation State Code (PREPARED) - The state of the product after preparation (e.g. ε

1. In the new group, populate the **Preparation State** of the product. This is a code specifying the preparation state of the product. Select from the 3 codes: (PREPARED), (UNPREPARED) and (AS\_DRAINED)
2. Select '**BY\_MEASURE**' for the **Nutrient Basis Quantity Type Code**
3. **Nutrient Basis Quantity** (**BY MEASURE** is usually per 100 ml/g)
4. **Nutrient Basis Quantity UoM**
5. **Serving Size**
6. **Serving Size UoM**

### Nutritional Information Panel (example only)

Nutrition Information			
Servings per Package – 4			
Serving Size – 30g			
Content	Qty per serving	Daily Intake (%) per serving	Qty per 100ml
Energy	200Kj	8	666.67Kj
Protein	2.5g	<8	8.3g
Fat, Total	5.4g	0	18g
Saturated	1.7g	0	5.7g
Carbohydrate	20.5g	0	68.3g
Sugars	9.1g	13	30.3g
Dietary Fibre	2.8g	44	9.3g
Sodium	4mg	2	13mg

### National Product Catalogue Publisher



Nutrient Information --- No.: 3 / 999

Preparation State Code (UNPREPARED) - The initial state of the product.

Nutrient Basis Quantity Type Code (BY\_MEASURE) - By measure - Nutrient quantity contained is t

Nutrient Basis Quantity 100

Nutrient Basis Quantity UoM (MLT) - Millilitre

Nutrient Basis Quantity Description

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Serving Size --- No.: 1 / 999

Serving Size 30

Serving Size UoM (GRM) - Gram



## Nutrition Information BY MEASURE (cont...)

Enter your products nutrient and nutrient quantity values into the NPC:

1. From the drop-down list, select the **Nutrient Type Code** ([see commonly used Nutrient Type Codes](#))
2. **Nutrient Quantity: Measurement Precision Code:** (EXACT), (APPROXIMATE), (LESS THAN), (TRACE) or (UNDETECTABLE)
3. **Nutrient Quantity**
4. **Nutrient Quantity UoM**

### Nutritional Information Panel (example only)

Nutrition Information			
Servings per Package – 4			
Serving Size – 30g			
Content	Qty per serving	Daily Intake (%) per serving	Qty per 100ml
Energy	200Kj	8	666.67Kj
Protein	2.5g	<8	8.3g
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Carbohydrate	20.5g	0	68.3g
Sugars	9.1g	13	30.3g
Dietary Fibre	2.8g	44	9.3g
Sodium	4mg	2	13mg

### National Product Catalogue Publisher

Nutrient --- No.: 1 / 999

**Nutrient Type Code** (ENER-) - energy; method of determination unknown or variable

**Nutrient Quantity: Measurement Precision Code** (APPROXIMATELY) - Approximate value (-)

Daily Value Intake Percent

Daily Value Intake Percent: Measurement Precision Code

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Nutrient Quantity --- No.: 1 / 1

**Nutrient Quantity** 667.67

**Nutrient Quantity UOM** (KJO) - Kilojoule

Repeat the Nutrient group by clicking on the '+' and follow the steps above to add the additional nutrition contents. (Protein, Fat, Carbohydrate, etc.) Please note all nutrie content available on your product's packaging must be uploaded to the NPC.

Nutrient --- No.: 1 / 999 + -

**Nutrient Type Code** (ENER-) - energy; method of determination unknown or variable

## Commonly Used Nutrient Type Code

Code	Description
ENER-	Energy
PRO-	Protein
GLUTN	Gluten
FAT	Fat - Total
FASAT	Fat - Saturated
FATRN	Fat - Transfat
FAPU	Fat - Polyunsaturated
FAMS	Fat - Monounsaturated
CHOLC	Cholesterol
CHO-	Carbohydrates
SUGAR	Sugar - Total
FIBTG	Dietary Fibre - Total
NA	Sodium
K	Potassium

\*The Codes highlighted in yellow are the most common Nutrient Type Code on a NIP. It is expected all 7 Nutrition Content must be provided. If FIBTG – Dietary Fibre is available on the label, please also provide.

[<Back to BY SERVING>](#)

[<Back to BY MEASURE>](#)

<End>