		<b>RATH &amp; CO-TRADING PTY LTD</b> Suite 3C, level 2, 58 Victor Crescent Narre Warren 3805		<b>Product Specification</b>	
<b>Origin</b>		TURKEY, GEORGIA		<b>Date of issue</b>	
<b>Product Code(s)</b>		DF2150-DF2159		<b>Supersedes</b>	
<b>Product</b>		HAZELNUT		<b>Page 1 of 3</b>	

**Product Description:**

Hazelnuts are derived from the nut of the *Corylus quellens*, *Corylus maxima mill* and their hybrids of the shrub from the plant family Betulaceae.




**Organoleptic properties:**

Kernel Colour natural mid brown exterior skin and creamy white coloured flesh, (Hazelnut meal contains a mixture of these colours).  
 Odour typical of Hazelnut, without offending foreign odour  
 Taste sweet, free from rancidity or foreign flavour.  
 Appearance – Crisp firm texture, even size and colour (appropriate to size and grade purchased).

**Physical /Grade Parameters:**

Product/ Grade	Size / kernels per ounce	Tolerances	Moisture
Hazelnut Kernel Natural (**with skin)	13-15mm or 15mm+	<ul style="list-style-type: none"> <li>- Foreign matter 0.5%max target nil.</li> <li>- 5% max size variation</li> <li>- Over dried, Shrivelled or Lemony &lt;4%</li> <li>- Touched, Broken Crushed Combined &lt;8% (broken &lt;2%)</li> <li>- Shell Pieces &lt;0.05%</li> <li>- Rancid, rotten, mouldy, insect damaged &lt; 3.0%</li> </ul>	6% max
Hazelnut Kernel Blanched (**without skin)	13-15mm or 15mm+	**In addition to tolerances state <ul style="list-style-type: none"> <li>- Skin Pieces &lt;0.05%</li> </ul>	
Hazelnut Meal (**with skin)	Ground meal max. 2 mm grains	<ul style="list-style-type: none"> <li>- Foreign matter (metal, timber, glass) 0%</li> <li>- Extraneous matter 0.5% max target nil</li> <li>- Rancid, rotten, mouldy &lt;2.0%</li> </ul>	6% max
Blanched Meal (**without skin)			3.5-5% max

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<b>Origin</b>		TURKEY, GEORGIA		<b>Date of issue</b>		25.7.2023
<b>Product Code(s)</b>		DF2150-DF2159		<b>Supersedes</b>		16.4.2021
<b>Product</b>		HAZELNUT		<b>Page 2 of 3</b>		

**Microbial Parameters:**

Parameters	Quality Standard.
Salmonella	Absent in 25g
Coliforms	<100cfu/g
E. Coli	<10cfu/g
Total Plate count	<50000cfu/g
Yeast and Mould	<1000cfu/g

**Chemical Parameters:**

Aflatoxin	<15PPB
FFA	<2.0%
Peroxide	<5meq O <sub>2</sub> /kg

<b>Nutrition Information</b>			
Servings per package: 100.00			
Serving size: 100.00 g			
	Average Quantity per Serving	Average Quantity per 100 g	
Energy	2690 kJ	2690 kJ	
Protein	14.8 g	14.8 g	
Fat, total	61.4 g	61.4 g	
- saturated	2.7 g	2.7 g	
Carbohydrate	5.1 g	5.1 g	
- sugars	4.4 g	4.4 g	
Sodium	3 mg	3 mg	

**Nutritional Information:**


Nutritional information is to be used as an average representative example only.

**Shelf Life:**

Product shelf life is 12 months when stored under the correct conditions.

**Storage and Handling:**

Product should be stored in ambient conditions (<12°C) with a maximum relative humidity of 65%. Product should be kept free from direct sunlight in air tight containers/bags. Storage areas should be clean and regularly treated against pests.

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<b>Product</b>		HAZELNUT		<b>Page 3 of 3</b>		

**Allergen**

**Present in Product**

	<b><u>YES / NO</u></b>
Cereals containing gluten & their products (wheat, rye, barley, oats, spelt)	No
Crustacean & Crustacea products	No
Egg & egg products	No
Fish & Fish Products (including molluscs w/out shells & fish oils)	No
Lupin & Lupin products	No
Milk & Milk products	No
Peanuts & Peanut Products	No
Sesame Seeds & sesame products	No
Soy & soybean products	No
Tree nuts & tree nut products	YES
Sulphites, present in ingredients, additives or processing aids*	NO

**Packaging/Weight:**

Cartons with vacuum sealed inner liners. Bulk 12.5kg, 2x10kg, or 20kg.

**Intended Use:**

Food supplied as an ingredient for use in further manufacturing and processing.

**Non Irradiation & Ethylene Oxide Statement:**

This product is declared free from exposure or treatment from sources of irradiation and ethylene oxide.

**Genetic Modification:**

This product and any processing aids used in the preparation of this product are declared free from genetic modification.