		<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>		INDIA		<b>Date of issue</b>		12.8.2021
<b>Product Code(s)</b>		HS1022, HS1023, HS1037, HS1038,		<b>Supersedes</b>		23.2.2021
<b>Product</b>		CUMIN		<b>Page 1 of 5</b>		

### **Product Description:**

Cumin seed/ground is derived from the fruit of the flowering plant *Cuminum cyminum*. Native to the east Mediterranean and India, both whole and ground cumin seed, are used as flavour enhancers in culinary cooking.



### **Organoleptic properties:**

Colour – greenish brown to yellow brown.

Odour - aromatic, penetrating, free from offending odours

Taste - warm aromatic, typical of cumin, free from offending flavours.

Texture – free flowing


### **Physical /Grade Parameters:**

Product	Description	Tolerances	Total Moisture
Cumin seed whole	Elliptical shaped seed consistent in colour and shape	Volatile oil >1.2% Extraneous matter <1% Foreign matter (glass, timber, metal) 0%	<12%
Ground cumin	Ground seed, 95% passes through 25 mesh	Purity >99% AU prohibited seed tolerance 0%	

### **Microbial Parameters:**

#### **Non-steamed:**

Parameters	Quality Standard.
Salmonella	Absent in 25g
E. Coli	<10cfu/g

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**Steam sterilized:**

Parameters	Quality Standard.
Salmonella	Absent in 25g
Listeria	Absent in 25g
E. Coli	<10cfu/g
Total Plate count	<500,000cfu/g
Yeast and Mould	<1000cfu/g

<b>Nutrition Information</b>			
Servings per package: 100.00			
Serving size: 100.00 g			
	Average Quantity per Serving	Average Quantity per 100 g	
Energy	1920 kJ	1920 kJ	
Protein	18.4 g	18.4 g	
Fat, total	25.8 g	25.8 g	
- saturated	1.3 g	1.3 g	
Carbohydrate	33.3 g	33.3 g	
- sugars	2.3 g	2.3 g	
Sodium	119 mg	119 mg	

**Nutritional Information:**

Nutritional information is a theoretical calculation derived from FSZNZ nutrient panel calculator.

**Shelf Life:**

Product shelf life is 24 months when stored under the correct conditions.

**Storage and Handling:**


Product should be stored in ambient conditions (<20°C) with a maximum relative humidity of 59%. Product should be kept free from direct sunlight in air tight containers/bags. Storage areas should be clean and regularly treated against pests.

**Allergen**

**Present in Product**

**YES / NO**

Cereals containing gluten & their products (wheat,rye,barley,oats,spelt)	No
Crustacea & 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	No
Sulphites, present in ingredients, additives or processing aids*	No

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Allergen Advisory statement: Product is sold based on >99% purity. Whilst every precaution is taken to prevent foreign seed contamination, it is rare to obtain 100% purity.

**Packaging/Weight:**

Bulk 20kg or 25kg PPE bag, or carton with 10x1kg inner plastic bags.

**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.