



RATH & CO-TRADING PTY LTD

Suite 3C, level 2, 58 Victor Crescent
Narre Warren 3805

Product Specification

Origin	INDIA	Date of issue	28.11.2024
Product Code(s)	HS1078, HS1078.2	Supersedes	10.7.2024
Product	NIGELLA SEED	Page 1 of 3	

Product Description:

Nigella seed is derived from the fruit of the annual flowering herb known as, *Nigella sativa*, from the family Ranunculaceae. Nigella seed is renowned for its culinary flavour and medicinal uses.



Organoleptic properties:

Colour – black

Odour – clean aromatic, sweet and mildly fragrant

Taste – spicy, typical of nigella, free from foreign flavour

Texture – free flowing

Physical /Grade Parameters:

Product	Description/Granulation	Tolerances
Nigella Seed whole	Whole seed min 99.5% purity min	Moisture <12% Total Ash <7% Extraneous matter <2% target nil. Volatile oil 0.5-1% Serious foreign matter (timber, metal, glass) 0%
Nigella Ground	Min 95% passes through 30mesh.	

Microbial Parameters:

Non-Treated:

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	<1000000cfu/g
Yeast and Mould	<1000cfu/g

Nutrition Information		
Servings per package: 100.00		
Serving size: 100.00		
	Average Quantity per serving	Average Quantity per 100g
Energy	505.65Kcal	505.65Kcal
Protein	15.80g	15.80g
Fat total	28.09g	28.09g
- saturated	12.17g	12.17g
Carbohydrates	47.41g	47.41g
- sugars	0.0g	0.0g
Sodium	8.0g	8.0g

Nutritional Data:

Nutritional information is derived from a laboratory test.

Shelf Life:

Product Best before date 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
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	No
Sulphites, present in ingredients, additives or processing aids*	No



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Please Note: Whilst every endeavour is undertaken to thoroughly clean seed via colour sorting and sortex cleaning, 100% purity cannot be guaranteed. It is therefore recommended that the vital tool be applied, should any allergenic material be found in the product.

Packaging/Weight:

Bulk 20 or 25kg poly woven or kraft paper 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.