		<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>		CHINA AND INDIA		<b>Date of issue</b> 20.4.2017	
<b>Product Code(s)</b>		HS1012-1015, DV9150-9155, HS1103		<b>Supersedes</b> 16.5.2016	
<b>Product</b>		Ginger Dehydrated Natural - Whole, Flakes, Kibbles, Granules and Powder		<b>Page 1 of 5</b>	

**Product Description:**

Ginger is a spice produced from the dried rhizome (underground stem) of the tropical herbaceous plant, *Zingiber officinale*.\*The rhizome is prepared through slicing, drying and milling to create a range of dehydrated products.

**Organoleptic properties:**

Colour from yellow- yellowish brown.

Odour intensive of ginger, without offending foreign odour

Taste sharp and embracing.


**Physical /Grade Parameters:**

Product	Description	General Info	Total Moisture
Ginger Whole	Dehydrated whole ginger rhizome	- Total Ash <8% - Foreign objects 0% - Extraneous matter 0.5% - Volatile oil 1.5% (average)	<12%
Ginger Flaked	Dehydrated slices of ginger		
Ginger Kibbled	Ginger granules of even size (customer choice)		
Ginger granules	Granules of varying size derived from sieving 95% of product through 5-8 mesh.		
Ginger Ground	95% of product can pass through 30 mesh		

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

**Chemical Parameters:**

As per limits derived from the Australia New Zealand Food Standards Code – Standard 1.4.2 – Maximum Residue Limits (Australia Only).

Nutrition Information			
Servings per package: 100.00			
Serving size: 100.00 g			
	Average Quantity per Serving	Average Quantity per 100 g	
Energy	1420 kJ	1420 kJ	
Protein	8.5 g	8.5 g	
Fat, total	4.6 g	4.6 g	
- saturated	0.8 g	0.8 g	
Carbohydrate	58.6 g	58.6 g	
- sugars	0.9 g	0.9 g	
Sodium	51 mg	51 mg	

**Nutritional Information:**

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

**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**

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	<u>YES / NO</u>
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*	YES

\* Sulphite limit as per the FZANZ guidelines for sulphur and sulphite additives, does not exceed <3000mg/kg

**Please Note:** Rath & Co are unable to guarantee the total absence of allergenic materials. If allergen declarations are required, it is the responsibility of the customer to contact Rath and Co Trading to request one on a per consignment basis.

### **Packaging/Weight:**

Packaging weights vary depending on customer requirements.

### **Intended Use:**

As ingredients in prepared and processed foods, and for general consumption.


### **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.

### **Coding:**

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To comply with Commonwealth of Australia Regulations (food Standards Code, Quarantine, Department of Primary Industry), all external packaging will be labelled with:-


1. Product Name
2. Batch code or lot number (if coded, interpretation must be supplied.)
3. Production and Best before date
4. Net weight
5. Country of Origin

#### **General Requirements:**

1. Products must meet all Australian legal importation requirements outlined in the '*Imported Food Control Act 1992*' and '*Imported Food Control Regulations 1993*'.
2. Product must meet all requirements outlined in the '*Food Standards Code*' (FSANZ), (as relevant at the time of consignment supply).
3. Product shall have been manufactured, packaged, stored and shipped in accordance with good manufacturing practices based on the provisions of the Commonwealth of Australia Food and Drug Regulations (including amendments).
4. Material must arrive in a sanitary and undamaged condition.
5. Acceptance of shipment shall be dependent on conformance to this specification and contract terms.
6. Suppliers manufacturing facilities are subject to periodic inspection. Failure to allow such inspection may result in cancellation of contracts.

#### **Restrictions:**

1. Where poly bags are the primary container, no twist ties, rubber bands or other similar bag sealing devices will be permitted unless agreed.
2. Where corrugated boxes are utilised, all seams must be glued, not stapled.
3. Where jute, woven polypropylene (or similar) or multi-walled bags are used, seams are to be neatly sewn. Binder wire, wire or plastic fasteners, clips or staples must not be used.
4. All packaging must be of an approved food grade.
5. Damaged or dirty containers may be rejected if in the opinion of our receiving department such condition is likely to contaminate the contents.

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**Conditions of Supply:**

Supply of product to Rath & Co-Trading Pty Ltd is subject to compliance with this specification, the Rath & Co-Trading Pty Ltd Standard Conditions of Supply, Purchase Contract and any other specified requirements.

**Suppliers Authorisation:**

The supplier of this product to Rath & Co-Trading Pty Ltd hereby agrees to supply in compliance with this product specification.

SUPPLIER: \_\_\_\_\_

NAME (POSITION): \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_