	<h1>Product Specification</h1>	Code: RC-005
		Version: 5
		Date: 03.12.15

## FREEWORLD TRADING LIMITED

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PRODUCT DESCRIPTION:	Raisins, South African Golden, Medium Choice
FWT CODE:	0582
DATE ISSUED:	25/07/2017
REVISION NUMBER:	3

SUPPLIER NAME:	Freeworld Trading Limited
SUPPLIER ADDRESS:	21 Annandale Street Edinburgh EH7 4AW
TELEPHONE NUMBER:	0131 557 5600
FACSIMILE NUMBER:	0131 557 5665
EMAIL ADDRESS:	<a href="mailto:quality_control@freeworld-trading.co.uk">quality_control@freeworld-trading.co.uk</a> <a href="mailto:sales@freeworld-trading.co.uk">sales@freeworld-trading.co.uk</a> <a href="mailto:logistics@freeworld-trading.co.uk">logistics@freeworld-trading.co.uk</a>

CONTACT TECHNICAL:	Karen Greenhorn
POSITION HELD:	Quality Control
EMAIL ADDRESS	karen@freeworld-trading.co.uk

Commodity Buyer	Alex Poole
Email Address	alex@freeworld-trading.co.uk



# Product Specification

Code: RC-005

Version: 5

Date: 03.12.15

## 1.00 PRODUCT DESCRIPTION

Please provide a brief description of the PRODUCT including, name of product and pack size.

South African Dried Golden Raisins, medium choice packed in 12.5kg

## 2.00 INGREDIENT BREAKDOWN

Ingredient	% at Recipe bowl stage	% in Final Product	% Compound Ingredient Breakdown	Variety/Grade	Country Of Origin
SO2 treated Raisins		99.5%		Thompson's	South African
Sunflower oil		0.5%			Netherlands/Sweden/Denmark

## 3.00 STABILITY CONTROL FOR RAW INGREDIENTS

Ingredient	'State' eg. Liquid / powder / paste	Max life - days	Storage temp. °C	Washing process. Detail chemical used, concentration and contact time	Aw	pH	% moisture	Heat process time & CORE temperature	Status of manufacturing areas e.g GMP, High Care, High Risk
Details for each individual component of raw material									
<b>Raisin</b>	Solid	9 months	<25C	Washed in potable water	N/A	N/A	14-16%	Please advise	GMP
<b>Sunflower oil</b>	Liquid	12 months	<25C	N/A	N/A	N/A	N/A	Please advise	GMP

## 4.00 PRESERVATIVES AND PROCESSING AIDS

E. Number	Name	Maximum Limit
E220	Sulphur dioxide	2000ppm

If processing aid state which process it aids and how.



## Product Specification

Code: RC-005

Version: 5

Date: 03.12.15

### 5.00 SEASONAL VARIATION

There may be a variation in berry count depending on the season.

### 6.00 GENETIC MODIFICATION

GENETICALLY MODIFIED ORGANISMS	YES	NO	IF YES WHICH INGREDIENT
1. Does the product or any of its ingredients contain any genetically modified material – whether viable or not?		√	
2. Is the product or any of its ingredients produced from, but not containing, any genetically modified material – whether viable?		√	
3. Has the product or any of its ingredients been significantly changed as a consequence of the use of genetic modification?		√	
4. Have genetically modified organisms been used as processing aids or additives to produce processing aids or additives used in conjunction with the production of the food or any of its ingredients?		√	

### 7.00 ORGANOLEPTIC PROPERTIES


Provide a full description of the organoleptic properties of the PRODUCT.

Appearance: Light Golden to golden berries

Flavour and Aroma: Characteristic to golden raisins with no off taints or odours

Texture: Soft and chewy

**Organoleptic properties are obviously dependent on the crop and harvesting conditions of the current year.**

	<h1>Product Specification</h1>	Code: RC-005
		Version: 5
		Date: 03.12.15

8.00 NUTRITIONAL INFORMATION		
Parameter	Value (per 100grams)	Source
Energy Kj / kcal	1272/299	Analytical
Fats	0.48	
Of which:	-	
-saturated	0.2	
-monounsaturated	0.2	
-polyunsaturated	0.1	
Carbohydrates	71.3	
Of which:	-	
-sugars	71.2	
-polyols		
-starch		
Fibre	2.3	
Protein	2.5	
Minerals		
Salt (g)	0.18	
Calcium (mg)		
Iron (mg)		
Magnesium (mg)		
Phosphorus (mg)		
Potassium (mg)		

9.00 PRODUCT SUITABILITY		
Dietary Requirement	Yes/No	Comments
Coeliac	Yes	There is no gluten within the product recipe; there is no gluten on the production line. However we can not guarantee that the raw materials entering the factory are gluten free. We have taken every reasonable precaution and proceeded with due diligence, however we cannot guarantee cross contamination on vehicles/containers etc.
Vegetarians	Yes	There are no animal products within the product recipe; there are no animal products on the production line. We have taken every reasonable precaution and proceeded with due diligence, however we cannot guarantee cross contamination on vehicles/containers etc.
Vegans	Yes	There are no animal products within the product recipe; there are no animal products on the production line. We have taken every reasonable precaution and proceeded with due diligence, however we cannot guarantee cross contamination on vehicles/containers etc.
Lactose Intolerant	Yes	There are no dairy products within the product recipe; there are no dairy products on the production line. We have taken every reasonable precaution and proceeded with due diligence, however we cannot guarantee cross contamination on vehicles/containers etc.
Kosher	Yes	Certified Yes
Halal	Yes	Certified Yes



# Product Specification

Code: RC-005

Version: 5

Date: 03.12.15

## 10.00 ALLERGEN DATA

Product	In the product Y/N	Within the factory Y/N	On the same production line Y/N	Stored in Same Warehouse Y/N
Peanuts and peanut derivatives	No	No	No	If stored, it is in segregated area
Nut and nut derivatives (almond, hazelnut, walnut, cashew, pecan nut, Brazil nut, pistachio nuts, macadamia nut and Queensland nut)	No	No	No	In segregated area
Sesame seeds / sesame seed derivatives	No	No	No	In segregated area
Mustard / mustard products	No	No	No	No
Milk / milk derivatives	No	No	No	No
Egg / egg derivatives / albumen	No	No	No	No
Gluten (i.e wheat, rye, barley, oats, spelt, kamut, or their hybrid strains)	No	No	No	If stored, it is in segregated area
Soya / Soya derivatives	No	No	No	If stored, it is in segregated area
Lupin / Lupin derivatives	No	No	No	No
Fish/Fish derivatives	No	No	No	No
Crustaceans	No	No	No	No
Molluscs	No	No	No	No
Sulphur Dioxide and sulphites	Yes	Yes	Yes	In segregated area
Celery	No	No	No	No

Allergens stored in the warehouse can be subject to change from the above list. However, the warehouses take all necessary precautions and store all allergens in segregated areas. We have taken every reasonable precaution and proceeded with due diligence, however, we cannot control the risk of cross contamination in distribution, since we have limited control over the third party service involved. Therefore, we cannot guarantee absence of any particular allergen. Should you wish to make any allergen statements against your products please contact Freeworld Trading before hand.



# Product Specification

Code: RC-005

Version: 5

Date: 03.12.15

## 11.00 CHEMICAL ANALYSIS

Parameter	Specification Limits
Moisture	Max 16%
Sulphur Dioxide	Max 2000ppm
Ochratoxin	Max 10ppb
Pesticides	As per EU Legislation
Heavy Metals	As per EU Legislation

## 12.00 MICROBIOLOGY

Microbes	Typical Levels
Total Viable Count	<10,000 cfu/g
Coliforms	<10 cfu/g
Escherichia Coli	<10 cfu/g
Staph Aureus	<10 cfu/g
Yeasts	<1,000cfu/g
Moulds	<500 cfu/g
Salmonella	Absent in 25gms

## 13.00 Physical Analysis

Physical attributes	Specification
Foreign Bodies	
Foreign Matter	1 per 1000kg (stones smaller than 1.5x1.5mm)
Glass, metal	Absent
Insect Infestation (any insect or insects excreta found in or amongst the fruit)	Absent
Blemish (any conspicuous external defects larger than 10% of the berry surface area. A black discolouration around the cap stem attachment area, exceeding 3mm in diameter, will also be deemed a blemish)	5% per 100 gms
Damaged (damaged berries are those berries which are torn or broken to such an extent that the inner flesh is exposed. The expose of flesh by the removal of cap stem will not be deemed as damaged)	2% per 100 gms
Crystallisation (sugarised berries)	10%
Extraneous Vegetable Matter (any matter of vegetable origin, but excludes objects as defined under foreign objects and dangerous objects)	Cap stems 30 per kg Loose stalks 1 per 15kg Embedded stalks 3 per 15kg
<b>Declaration: Although due care and attention has been taken during the processing of this natural product. The product may contain traces of pits/stalks/shell.</b>	

Prepared by: Shelby Bodily

Approved by: Marcela Graziano

Page 6 of 9



## Product Specification

Code: RC-005

Version: 5

Date: 03.12.15

### 14.00 Count/Size

Size	Choice per 100gms	Standard Per 100gms		
Jumbo	100-150	100-150		
Jumbo – small/bold large	150-200	n/a		
Bold	180-230	n/a		
Regular	210-310	230-330		

### 15.00 SHELF-LIFE

**SHELF-LIFE FROM DATE OF PRODUCTION: 9 months**

Please note the product will be safe to use for the duration of the shelf-life after opening, providing they have been stored correctly.

### 16.00 METAL DETECTION

Metal detection	Ferrous (mm)	1.5mm
	Non –Ferrous (mm)	1.6mm
	Stainless Steel (mm)	2.0mm

### 17.00 RECOMMENDED STORAGE CRITERIA

All our products are designed for ambient storage, however we choose to keep our products between 6-10°C to preserve maximum freshness and prevent infestation.

<b>COOL STORE</b>	<b>6-10C</b>	
<b>Ambient</b>	<b>Max 20C</b>	
<b>AWAY FROM DIRECT SUNLIGHT</b>	<b>Yes</b>	



## Product Specification

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Version: 5

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### 18.00 MATERIALS

Recommended pallet stacking for the product, however this may vary depending on warehouse/haulier

#### PALLET

No of units per layer		Maximum
No of units per pallet		Maximum
No of units per pallet		Minimum
Method of pallet security	Shrink wrap	Shrink-wrap / Pallet-wrap / Banding
Type of pallet used	Wooden	

#### CONTACT PACKAGING MATERIAL

Material	Polythene liner	Food Grade	YES	<input checked="" type="checkbox"/>	NO
Colour	Blue				
Dimensions	710x540				
Weight	15	g			
Method of closure	Folded	Tape / EEC Tape / Stitching			


#### OUTER PACKAGING MATERIAL

Material	Cardboard				
Colour	Brown or white				
Grade	Food				
Weight	450/500	G			
Dimensions	390X270X150	Mm			
Method of closure	Tape	Tape / EEC Tape / Stitching			

### 19.00 SOURCE AND POINT OF MANUFACTURE

State the country of Manufacture	South Africa
Is the Product produced and packaged in the suppliers own premises:-	Yes



	<h1>Product Specification</h1>	Code: RC-005
		Version: 5
		Date: 03.12.15

<b>20.00 OBLIGATIONS UPON THE PART OF THE SUPPLIER &amp; TRADING TERMS OF FREEWORLD TRADING.</b>
<p>The supplier must comply with all relevant United Kingdom and European Community Legislation and all relevant legal and food safety criteria. The supplier must agree to comply with Freeworld Trading Standard Conditions of Supply.</p> <p>The supplier is responsible for informing Freeworld Trading in writing and a minimum of one calendar month in advance of any proposed change of formulation, manufacturing process or packaging materials and changes in the origin places of process of any materials used to produce the product to be supplied to Freeworld Trading. No change is to be made without the prior knowledge and prior written agreement of Freeworld Trading.</p> <p><b>Freeworld Trading Limited</b></p> <ol style="list-style-type: none"> <li>1) No claims entertained after 7 days from delivery.</li> <li>2) Any overdue amounts are liable to interest charged at 3% over base rate per month.</li> <li>3) Title and goods remain with Freeworld Trading Ltd. until the purchase price is paid in full'</li> <li>4) The risk in the goods shall pass to the buyer at the time of delivery where carriage is made by independent carrier, then at the time of collection by this carrier. or where the goods are sold ex-warehouse at the time the buyer is notified that the goods are released for collection.</li> <li>5) If the goods or any part of thereof supplied under the contract are processed or altered in any way by the buyer or any other agent, the quality of the goods shall be deemed acceptable by the buyer. In addition all customers quality control checks are to be completed on the entire load prior to use in application</li> </ol>

FOR AND ON BEHALF OF FREEWORLD TRADING

NAME: (Technical)	Karen Greenhorn
POSITION HELD:	Quality Control
TECHNICAL SIGNATURE	<i>Karen Greenhorn.</i>
DATE:	25/07/2017
Name: (Buyer)	Alex Poole
Signature:	<i>Alex Poole</i>