

**Subject: Final Product Specification**

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Authorised By: General Manager

06/08/2019

**PRODUCT NAME: ROSEHIP SEED OIL (COLD PRESSED)**

**PRODUCT CODE: FPRC-SO**



**COMPOSITION OF FORMULATED INGREDIENTS, INCLUDING ADDITIVES AND PROCESSING AIDS**

100% Rosa canina seeds cold pressed to extract oil.

**CHEMICAL AND CHEMICAL CHARACTERISTICS**

PARAMETER	SPECIFICATION	UNIT OF MEASURE
<b>Appearance</b>	Golden coloured oil	Visual Inspection
<b>Odour</b>	Characteristic	Inspection
<b>Peroxide Value</b> AOCS Method CD 8-53	< 4	mg KOH/1000g (meq/kg oil)
<b>Acid Value</b> Based on AOCS Method Cd 3d-63	0.5 – 3.0	mg KOH/g sample (% m/m)

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<b>Free fatty Acids</b> Based on AOCS Method Cd 3d-63	1 - 2	g oleic acid/100g oil (% m/m as Oleic)
<b>Saponification Value</b> AOCS Method Cd 3-25	165 - 210	Mg KOH to saponify 1g sample
<b>Moisture Content</b> AOCS Ba 2a-38	< 0.5	g/100g
<b>Iodine Value</b> AOCS Method Cd 1c-83	155 - 185	GI2/100g
<b>Relative Density @ 20°C</b> Guy Lussac Pyknometer	0.89 – 0.99	g/ml
<b>Refractive Index @ 20°C</b> Atago refractrometer	1.45 – 1.50	

**FATTY ACID PROFILE**

(Based on AOCS Method Ce 2-66)

MAIN COMPONENTS	SPECIFICATION	UNIT OF MEASURE
<b>C16:0 Palmitic acid</b>	2 - 5	%
<b>C18:0 Stearic acid</b>	1 - 4	%
<b>C18:1 cis Oleic acid</b>	10 -20	%
<b>C18:2 cis Linoleic acid</b>	35 - 40	%
<b>C18:3 n3 Linoleic acid</b>	30 - 40	%

**SHELF LIFE**

24 Months stores at 15 degrees Celcius.

**COUNTRY OF ORIGIN**

Produced in South Africa.

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**BULK PACKAGING**

MATERIAL	SPECIFICATION/DESCRIPTION
Packaging:	25l Epoxy lined drum (food grade)

**NET WEIGHT**

Packed at nett weight – 25l.

**TRANSPORTATION**

Enclosed vehicle, which is clean, dry, pest and chemical free. Vehicle should be suitable for the transportation of foodstuffs. Vehicle not to present any physical hazards e.g. glass and hard plastics.

**STORAGE CONDITIONS**

Stored at temperatures of 15°C or below, labelled, sealed, protected from moisture, light and high temperatures in a pest and rodent-proof area, away from harmful chemicals

**PREPARATION AND/OR HANDLING BEFORE USE OR PROCESSING**

Use as is

**FOOD SAFETY RELATED ACCEPTANCE CRITERIA OR SPECIFICATIONS OF PURCHASED MATERIALS AND INGREDIENTS APPROPRIATE FOR THEIR INTENDED USE**


To be used as an ingredient in the preparation of herbal medicine or food supplements.

**STATUTORY AND REGULATORY FOOD SAFETY REQUIREMENTS**

No additional requirements

**POTENTIAL ABUSE OF PRODUCT**

Storing in direct sunlight, unprotected from moisture and high temperatures. Not tightly closing after opening.

	<p style="text-align: center;"><b>AFRIGETICS</b> <b>Food Safety Management System</b></p>	<p>Doc No: FPSPEC</p>	<p>Rev No: 1</p>
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<b>ALLERGEN STATEMENT</b>
<p>The above-mentioned product is made of allergen-free ingredients. This product does not contain allergens subject to labelling according to regulation (EU) No. 1169/2011 and amendments. Process controls are in place to ensure that no accidental contamination with allergenic material could occur.</p>
<b>GMO STATEMENT</b>
<p>This product has not been in contact with any GMO, therefore the regulations (EC) 1829/2003 and (EC) 1830/2003 are not applicable.</p>
<b>TSE/BSE STATEMENT</b>
<p>In the production process of this product, we do not use any raw material of animal origin. This product has not been in contact with and does not include any material of animal origin. Our product is not contaminated with material of animal origin when it leaves our storage facility.</p>
<b>KOSHER/HALAL STATUS</b>
<p>None Certified</p>