

PRODUCT NAME: ROSEHIP SEED WHOLE FRUIT OIL (CO₂ EXTRACT)

PRODUCT CODE: FPRC-FO



COMPOSITION OF FORMULATED INGREDIENTS, INCLUDING ADDITIVES AND PROCESSING AIDS

Supercritical CO₂ extracted whole fruit Rosa canina oil.

CHEMICAL AND CHEMICAL CHARACTERISTICS

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

Free fatty Acids Based on AOCS Method Cd 3d-63	40 - 60	g oleic acid/100g oil (% m/m as Oleic)
Saponification Value AOCS Method Cd 3-25	165 - 210	Mg KOH to saponify 1g sample
Moisture Content AOCS Ba 2a-38	< 0.5	g/100g
Iodine Value AOCS Method Cd 1c-83	155 - 185	GI2/100g
Relative Density @ 20°C Guy Lussac Pycnometer	0.89 – 0.99	g/ml
Refractive Index @ 20°C Atago refractometer	1.45 – 1.50	

FATTY ACID PROFILE

(Based on AOCS Method Ce 2-66)

MAIN COMPONENTS	SPECIFICATION	UNIT OF MEASURE
C16:0 Palmitic acid	2 - 5	%
C18:0 Stearic acid	0.01 – 0.02	%
C18:1 cis Oleic acid	14 -20	%
C18:2 cis Linoleic acid	40 - 60	%
C18:3 n3 Linoleic acid	20 - 40	%

SHELF LIFE

24 Months stores at 15 degrees Celcius.

COUNTRY OF ORIGIN

Produced in South Africa.

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.	



Subject: Final Product Specification

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Authorised By: General Manager

31/03/2020

ALLERGEN STATEMENT

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.

GMO STATEMENT

This product has not been in contact with any GMO, therefore the regulations (EC) 1829/2003 and (EC) 1830/2003 are not applicable.

TSE/BSE STATEMENT

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.

KOSHER/HALAL STATUS

None Certified