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Certificate of Analysis

Product: Rosehip seed Oil, Cold Pressed Organic
 INCI name: *Rosa canina seed oil*
 Lot number: DEC171218/4
 CAS number: 84696-47-9/ 84603-93-0
 Country of Origin: Bulgaria
 Expiration date: 01-MAR-2021

Parameters	Specification	Results
State	Liquid	Complies
Colour	Amber with orange hue	Complies
Odour	Characteristic	Complies
Specific Gravity / (g/cm ³) @ 20°C	0.924 – 0.931	Complies
Free Fatty Acid Value (mgKOH/g)	Max 2	1.4
Saponification value	185-200	Complies
Peroxide Value (meq/kg oil)	Max 15.0	5.5
Moisture and volatile matter (%)	Not more than 0.2	0.1
Degree of transparency, FEM	Not more than 40	1
Flash Point, °C	Not more than 210	Complies
Fatty Acid Profile (%)		
Palmitic	1.5 – 8.0	6.5
Stearic	1.0 – 8.0	3.4
Oleic	13.0 – 25.0	23.1
Linoleic	35.0 – 58.0	50.37
Linolenic	18.0 – 38.0	19.5
Heavy Metals		
Lead (mg/kg)	<0.01	Not detected
Cadmium (mg/kg)	<0.02	Not detected
Mercury (mg/kg)	<0.0003	Not detected

Parameters	Specification	Results
Arsenic (mg/kg)	<0.05	Not detected
Copper (mg/kg)	<0.5	Not detected
Zinc (mg/kg)	-	0.05
Iron (mg/kg)	<5.0	0.5

Storage: Store in well-filled, tightly sealed containers, in a cool dry place, away from direct sunlight.

This document is a computer generated certificate of analysis and does not require a signature.