



BEHALE

'be strong & healthy'

CERTIFICATE OF ANALYSIS

PRODUCT NAME	ROSEHIP CARRIER OIL ORGANIC
LATIN NAME	<i>Rosa Rubiginosa</i>
CAS NO	92347-25-6
PRODUCT CODE	PGROHRR01
MANUFACTURE DATE	01/2018
EXPIRY DATE	01/2023
BATCH NUMBER	ROSHO0118SO
COUNTRY OF ORIGIN	SOUTH AFRICA
PART OF PLANT USED	SEEDS (COLD PRESSED)
ORIGINAL DATE ISSUED	09/02/2018
DATE DISPATCHED	13/08/2019

ANALYTICAL DETAILS	SPECIFICATIONS	RESULTS
COLOUR	ORANGE TO REDDISH OIL	COMPLIES
ODOUR	CHARACTERISTIC AROMA	COMPLIES
PHYSICAL STATE	VISCOUS LIQUID	COMPLIES
REFRACTIVE INDEX (20°C)	1.4750 - 1.4875	1.4802
RELATIVE DENSITY (20°C)	0.900 - 0.970	0.9278

COMPONENTS		SPECIFICATION%	RESULTS
		COMPOSITION%	COMPOSITION%
MYRISTIC ACID	C14:0	0.0 - 0.3	0.00
PALMITIC ACID	C16:0	3.4 - 4.4	2.72
PALMITOLEIC ACID	C16:1	0.1 - 0.18	0.000
STEARIC ACID	C18:0	1.5 - 2.5	1.43
CIS OLEIC ACID	C18:1	14.0 - 16.0	15.45
CIS LINOLEIC ACID	C18:2	43.0 - 46.0	42.9
LINOLENIC	C18:3	31.0 - 34.0	35.8
ARACHIDIC ACID	C20:0	0.1 - 0.9	0.75
EICOSENOIC ACID	C20:1	0.0 - 0.5	0.40
BEHENIC ACID	C22:0	0.1 - 0.4	0.000

	ACID VALUE	FREE FATTY ACIDS (G OLEIC ACID/100G OIL)	PEROXIDE VALUE	SAPONIFICATION	IODINE
SPECIFICATION	<5	<2	<10	185-193	165-195
RESULTS	0.85	0.43	4.6	194.3	180.72

STORAGE CONDITIONS	STORE IN A COOL DARK PLACE
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A. SALMAN
AYANDA SALMAN
QUALITY CONTROL

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