



NHR ORGANIC OILS
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Certificate of Analysis Sheet

Organic Rosehip Oil

(*Rosa canina*)

BATCH NUMBER: 071022-1
PRODUCT INCI: ROSA CANINA SEED OIL
CAS NUMBER: 84696-47-9
EINECS NUMBER: 283-652-0
MANUFACTURING METHOD: COLD PRESSED

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	YELLOW – DARK ORANGE	-
ODOUR	CHARACTERISTIC	-
SPECIFIC GRAVITY @ 20°C	0.830 – 0.990	0.830
REFRACTIVE INDEX @ 20°C	1.360 – 1.490	1.3681
PEROXIDE VALUE	<20.0	2.9
FREE FATTY ACID	<7.0	1.3
ACID VALUE	<14.0	2.6

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C14:0	MYRISTIC	<0.2	0.11
C16:0	PALMITIC	2.0 – 10.0	6.81
C16:1	PALMITOLEIC	<2.0	0.12
C18:0	STEARIC	1.0 – 5.0	4.35
C18:1	OLEIC	13.0 – 30.0	22.30
C18:2	LINOLEIC	35.0 – 65.0	41.10
C18:3	LINOLENIC	10.0 – 50.0	24.05
C20:0	ARACHIDIC	<2.0	0.22
C22:0	BEHENIC	<1.0	0.39

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