

Certificate of Analysis [C.O.A]

PRODUCT NAME	Rosehip Seed Oil
CAS Number	84696-47-9
Botanical Name	Rosa Canina Seed Oil
SOURCE	Rosa canina seed oil is a fixed oil obtained from the rosehip seed
Manufacturing Method:	Cold Pressed

Analytical Details	Range %	Results
Appearance	Oily Liquid	-
Colour	Yellow – Dark Orange	-
Odour	Characteristic	-
Specific Gravity @ 20°C	0.890 – 0.990	0.910
Refractive Index @ 20°C	1.460 – 1.490	1.4768
Peroxide Value	<20.0	3.5
Free Fatty Acid	<2.0	1.15
Acid Value	<5.0	2.3

FATTY ACID Profile			
C-Chain	Acid Name	Range %	Results
C14:0	Myristic	<0.2	0.12
C16:0	Palmitic	2.0 – 10.0	6.9
C16:1	Palmitoleic	<2.0	0.12
C18:0	Stearic	1.0 – 5.0	4.5
C18:1	Oleic	13.0 – 30.0	22.30
C18:2	Linoleic	35.0 – 60.0	40.10
C18:3	Linolenic	10.0 – 50.0	24.0
C20:0	Arachidic	<2.0	0.22
C22:0	Behenic	<1.0	0.40