



NHR ORGANIC OILS
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Certificate of Analysis Sheet

Organic Seabuckthorn Kernel Oil

(Hippophae rhamnoides)

Batch No:	130326-1
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Appearance: Liquid dark orange to brown-red
Odour: Characteristic

TEST	SPECIFICATION	ANALYSIS
Specific Gravity @ 20°C (g/ml)	0.911 – 0.935	0.922
Refractive Index @ 20°C	1.455 – 1.479	1.475
Acid Value (mgKOH/g)	15.0 maximum	0.90
Free Fatty Acid (% as Oleic)	7.5 maximum	0.45
Iodine Value (mg/g)	52.0 – 106.0	104.8
Saponification Value	148.0 – 199.0	182.8

FATTY ACID PROFILE (%)	SPECIFICATION	ANALYSIS
C14:0 Myristic	1.3 maximum	1.0
C16:0 Palmitic	24.0 – 33.0	26.0
C16:1 Palmitoleic	17.5 minimum	17.8
C18:0 Stearic	0.3 – 3.3	3.0
C18:1 Oleic	18.0 – 30.0	18.4
C18:2 Linoleic	16.0 – 27.0	16.1
C18:3 Alpha Linolenic	4.0 maximum	3.2

Storage: The shelf life of this product can be affected by storage conditions. Influencing factors such as Temperature, exposure to light and air will cause the product to deteriorate at a faster rate.
The product should remain in good condition if stored as recommended

This COA is produced electronically therefore no signature is required.

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use. Please note as this is a wholly natural material some parameters, in particular, appearance, colour and odour, may change due to natural variation and climate change. This in no way affects the quality and efficacy of the product. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.