



NHR ORGANIC OILS  
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## *Product Specification*

# **Organic Seabuckthorn Kernel Oil**

*(Hippophae rhamnoides)*

<b>DESCRIPTION</b>	Hippophae Rhamnoides Fruit Oil is the oil expressed from the fruit of the Sea Buckthorn, Hippophae rhamnoides L., Elaeagnaceae		
<b>INCI NAME</b>	Hippophae Rhamnoides Fruit Oil		
<b>CAS NUMBER</b>	225234-03-7	<b>EC NUMBER</b>	-

### **CHARACTERISTICS**

APPEARANCE AT ROOM TEMPERATURE	Liquid
COLOUR	Dark Orange - Reddish Brown
ODOUR	Characteristic

### **ANALYSIS**

SPECIFIC GRAVITY @ 20°C (g/ml)	0.911 - 0.935
REFRACTIVE INDEX @ 20°C	1.455 - 1.479
ACID VALUE (mg KOH/g)	≤15.0
FREE FATTY ACID (% AS OLEIC)	≤7.50
IODINE VALUE (mg/g)	52.00 - 106.0
SAPONIFICATION VALUE (mg KOH/g)	148.0 - 199.0
PEROXIDE VALUE (meq/kg) (AT TIME OF PRODUCTION ANALYSIS)	≤20.0

### **FATTY ACID PROFILE (%)**

C14:0	MYRISTIC ACID	≤1.30
C16:0	PALMITIC ACID	24.0 - 33.0
C16:1	PALMITOLEIC ACID	≥17.5
C18:0	STEARIC ACID	0.30 - 3.30
C18:1	OLEIC ACID	18.0 - 30.0
C18:2	LINOLEIC ACID	16.0 - 27.0
C18:3	LINOLENIC ACID	≤4.00

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.