

# AKÖMA™

## FROM THE HEART

### CERTIFICATE OF ANALYSIS SEA BUCKTHORN OIL, COLD PRESSED

#### DESCRIPTION

Description: Sea Buckthorn Oil, Cold Pressed  
Hippophae Rhamnoides Fruit Oil  
Cas Nos: 225234-03-7  
Einecs No: 290-292-8  
Manufacturing: Cold Pressed

Inci Name:

#### CHARACTERISTICS

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	Conforms
COLOUR	ORANGE – DARK ORANGE – RED	Conforms
ODOUR	CHARACTERISTIC	Conforms
REFRACTIVE INDEX @ 20°C	1.420 – 1.510	1.472
SPECIFIC GRAVITY @ 20°C	0.900 – 0.940	0.919
FREE FATTY ACID (% AS OLEIC)	<10.0	0.21
IODINE VALUE	30.0 – 110.0	70.2
PEROXIDE VALUE	<20.0	1.82
ACID VALUE	<20.0	0.35
SAPONIFICATION VALUE	145.0 – 210.0	Conforms

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	6.0 – 20.0	7.3
C16:1	PALMITOLEIC	>17.5	-
C18:0	STEARIC	<7.0	3.87
C18:1	OLEIC	> 15.0	26.63
C18:2	LINOLEIC	30.0 – 60.0	55.14
C18:3	ALPHA LINOLENIC	>10.0	6.87

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*Sea Buckthorn Oil, Cold Pressed - COA*