

AKÖMA™

FROM THE HEART

CERTIFICATE OF ANALYSIS SEA BUCKTHORN OIL ORGANIC

DESCRIPTION

PRODUCT: SEA BUCKTHORN OIL ORGANIC, COLD PRESSED
INCI NAME: HIPPOPHAE RHAMNOIDES FRUIT OIL
CAS No: 225234-03-7
EINECS No: 290-292-8
MANUFACTURING METHOD: COLD PRESSED

CHARACTERISTICS

ANALYTICAL DETAILS	RANGE %	RESULT
APPEARANCE	OILY LIQUID	CONFORMS
COLOUR	ORANGE – DARK ORANGE - RED	CONFORMS
ODOUR	CHARACTERISTIC	CONFORMS
REFRACTIVE INDEX @ 20°C	1.450 – 1.480	1.4696
SPECIFIC GRAVITY @ 20°C	0.911 – 0.940	0.9159
FREE FATTY ACID (% AS OLEIC)	<10.0	-
IODINE VALUE	30.0 – 110.0	63.4
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0	2.6
ACID VALUE	<20.0	8.6
SAPONIFICATION VALUE	145.0 – 199.0	195.0

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C14:0	MYRISTIC	<1.5	-
C16:0	PALMITIC	24.0 – 35.0	34.2
C16:1	PALMITOLEIC	>17.5	28.4
C18:0	STEARIC	<4.0	0.94
C18:1	OLEIC	18.0 – 35.0	23.8
C18:2	LINOLEIC	4.0 – 27.0	4.0
C18:3	ALPHA LINOLENIC	>4.0	1.4