

AKÖMA™

FROM THE HEART

CERTIFICATE OF ANALYSIS MACADAMIA NUT OIL ORGANIC

DESCRIPTION

PRODUCT: MACADAMIA NUT OIL ORGANIC, COLD PRESSED
INCI NAME: MACADAMIA INTEGRIFOLIA OIL
CAS No: 438545-25-6; 159518-86-2
EINECS No: NOT LISTED
MANUFACTURING METHOD: COLD PRESSED

CHARACTERISTICS

ANALYTICAL DETAILS	RANGE %	RESULT
APPEARANCE	CLEAR - LIGHT YELLOW OILY LIQUID	CONFORMS
ODOUR	ODOURLESS	CONFORMS
SPECIFIC GRAVITY @ 20°C	0.900 – 0.920	0.911
REFRACTIVE INDEX @ 20°C	1.455 – 1.470	1.4679
SAPONIFICATION VALUE	183 – 203	CONFORMS
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0	5.8
IODINE VALUE	62 - 88	CONFORMS
ACID VALUE	<8.0	4.68

FATTY ACID PROFILE			
C-CHAIN	ACID NAME	RANGE %	RESULTS
C16:0	PALMITIC	6.0 – 12.0	8.1
C16:1	PALMITOLEIC	9.0 – 27.0	22.8
C18:0	STEARIC	2.0 - 6.0	2.7
C18:1	OLEIC	50.0 – 70.0	53.3
C18:2	LINOLEIC	1.0 – 6.0	1.9
C18:3	LINOLENIC	< 3.0	-
C20:0	ICOSANOIC	< 4.0	2.3
C20:1	ICOSENOIC	< 4.0	2.2