



NHR ORGANIC OILS
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Certificate of Analysis Sheet
Organic Marula Oil
(Sclerocarya birrea)

CERTIFICATE OF ANALYSIS

PRODUCT NAME: MARULA SEED OIL, COLD PRESSED ORGANIC

BATCH NUMBER: 310322-3

PRODUCT INCI: SCLEROCARYA BIRREA SEED OIL

CAS NUMBER: NOT LISTED

EINECS NUMBER: NOT LISTED

MANUFACTURING METHOD: COLD PRESSED

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID (ROOM TEMP), SOFT BUTTER (COOL TEMP)	COMPLIES
ODOUR	ODOURLESS	COMPLIES
COLOUR	YELLOW - GOLDEN	COMPLIES
FREE FATTY ACID (%)	<4.0	2.06
SAPONIFICATION VALUE	180.0 – 200.0	196.0
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0	0.24
ACID VALUE	<8.0	4.0
IODINE VALUE	70 - 80	72.02

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C16:0	PALMITIC	9.0 – 15.0	12.84
C18:0	STEARIC	5.0 – 12.0	7.62
C18:1	OLEIC	60.0 – 85.0	72.12
C18:2	LINOLEIC	4.0 – 12.0	5.75
C18:3	LINOLENIC	<1.0	0.5
C20:0	ARACHIDIC	<1.0	0.65