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

BATCH NUMBER: 161123-2
PRODUCT INCI: SCLEROCARYA BIRREA SEED OIL
ORIGIN: MADAGASCAR
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	0.2
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	10.78
C18:0	STEARIC	5.0 – 12.0	5.9
C18:1	OLEIC	60.0 – 85.0	78.15
C18:2	LINOLEIC	4.0 – 12.0	4.0
C18:3	LINOLENIC	<1.0	0.5
C20:0	ARACHIDIC	<1.0	0.41

The attached information is considered to be correct at the time the client received this information.
Please be aware that detail can change and we encourage clients to update their records with NHR Organic Oils regularly.
The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations.