



NHR ORGANIC OILS  
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## Certificate of Analysis Sheet

### Organic Marula Oil (*Sclerocarya birrea*)

BATCH NUMBER 270622-1
ORIGIN: MADAGASCAR
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 <sub>2</sub> / KG)	<20.0	0.24
ACID VALUE	<8.0	4.0
IODINE VALUE	70 - 80	72.02

FATTY ACID PROFILE		RANGE %	RESULTS
<b>C-CHAIN</b>	<b>ACID NAME</b>		
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

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