



DATA SHEET AND SPECIFICATIONS OF AURUM AFRICA MARULA OIL

SPECIFICATION

Product name: Marula-Oil	CAS # : 68956-68-3
Botanical Name: Sclerocarya birrea	EG/EINECS #: 273-313-5
Part of the plant used:	Seeds INCI name: Sclerocarya Birrea seed oil
Country of origin: Namibia	Shelf life: 24 Month
Application: Cosmetics	Extraction process: cold pressed
Organic certified	

PHYSICAL AND CHEMICAL

PROPERTIES SPECIFICATION

Appearance	Liquid
Color	Golden, yellowish
Odor	Slightly nutty
Specific	Gravity 0,91 g/ml
Acid value	< 5 mg KOH/g Fat
Peroxid value	< 5 meq aktiv O ₂ /kg Fat
Iodine value	70-76 g/100g
Saponification Index	188-196 mg KOH/g

FATTY ACID COMPOSITION

Myristic Acid	(C14:0)	< 0,15 %
Palmitic Acid	(C16:0)	11,61 %
Palmitoleic Acid	(Omega 7)	(C16:1) < 0,15 %
Stearic Acid	(C18:0)	7,63 %
Oleic Acid	(Omega 9)	(C18:1w9c) 75,31 %
Linoleic Acid	(Omega 6)	(C18:2w6c) 3-7%
α -Linolenic Acid	(Omega 3)	(C18:3w3) < 0.01 %
Arachidic Acid	(C20:0)	0,57 %
Eicosenoic Acid	(C20:1)	0,36 %

MICROBIOLOGY

Total colony count	<1000 KBE/g
Yeast	<10 KBE/g
Moulds	<10 KBE/g

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MAIN OFFICE:

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STORAGE:

Store in a cold and dry room with 10°C to 25°C in original containers. Avoid direct sunlight and heat sources. Keep original containers properly sealed.

APPLICATIONS BENEFITS AND TRADITIONAL USAGE

Marula Oil is one of the finest african skin and haircare oils available. It is rich in natural antioxidants fighting free radicals. It is intensively moisturizing and skin smoothing. Truly outstanding is it's stability and due to the high degree in Oleic Acid it is absorbed extremely quick by the skin. Due to the high proportion with saturated fatty acids like Palmitic and Stearic acid it has a huge impact in strengthening the skins lipid layer. Traditionally it is used for dry and cracked skin and to avoid skin redness. It is also used to avoid stretch marks and to improve the appearance of scars. A first class moisturizer and excellent to be used for massage.

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