



NAMIB DESERT OILS

**!NARA OIL  
MARULA OIL  
MONGONGO OIL  
KALAHARI MELON OIL**

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100% natural - 100% pure  
high-quality - directly from the source

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PRODUCER OF AFRICAN OILS



# !NARA OIL

## Certificate Of Analysis

### Conventional

!Nara oil has a **relatively high Oleic acid omega 9** (C18:1 n9) and **Vitamin E** content. It **relieves skin irritation** and dryness symptoms and **supports** the **improvement of scars**, impurities, sunburn and pigmented skin tissue. It can also be used to **treat mild skin problems** like eczema. !Nara oil soothes the scalp and **stimulates healthy hair growth**. It contains excellent **antioxidants Omega 6** essential fatty acids as well as vitamins and **little omega 5**.

<b>Product name:</b>	!Nara oil
<b>Botanical name:</b>	Acanthosicyos horridus
<b>INCI name:</b>	Acanthosicyos horridus Seed Oil
	CAS # 68956-68-3
	EC # 273-313-5
<b>Part used:</b>	Kernels
<b>Extraction method:</b>	Cold pressed
<b>Quality:</b>	100% pure and natural

PROPERTIES:	SPECIFICATIONS:	RESULTS:
Liquid:	at 25 °C	conforms
Color:	yellow to golden	conforms
Odor:	slightly nutty, avocado scent	conforms
Taste:	slightly nutty	conforms
Specific Gravity:	<i>not yet defined</i>	0.922
Iodine Value:	<i>not yet defined</i>	120 g/100g
Saponification:	<i>not yet defined</i>	180 mg (KOH/g)
Peroxide value mEq O <sub>2</sub> /kg	<10.0	conforms
Acid value mg KOH/g	<6.0	conforms
Mould and yeast cfu/g	<100	conforms

FATTY ACID	C-CHAIN		SPECIFICATIONS (%)	RESULTS (%)
Total Fat			not yet defined	97.65
Miristic Acid	C14:0		not yet defined	0.095
Palmitic Acid	C16:0		not yet defined	11.195
Palmitoleic Acid	C16:1	Omega 7	not yet defined	0.08
Stearic Acid	C18:0		not yet defined	7.04
Oleic Acid	C18:1	Omega 9	not yet defined	20.47
Linoleic Acid	C18:2	Omega 6	not yet defined	57.9
Arachic Acid	C20:0		not yet defined	0.28
<u>Omega 3 combined</u>		Omega 3	not yet defined	0.426
a-linolenic Acid	C18:3		not yet defined	0.117
Linolenic acid	C18:3 n5	Omega 5	not yet defined	2.2
Docosahexaenoic acid	C22:6		not yet defined	0.276

Key Features:

1. High Vitamin E Content:

- Relieves skin irritation and dryness symptoms.
- Supports the improvement of scars, impurities, sunburn, and pigmented skin tissue.

2. Versatile Application:

- Effective in treating mild skin problems like eczema.
- Used as a sun screen, massage oil, and tissue lubricant.
- Soothes scalps and stimulates healthy hair growth.

3. Rich in Antioxidants & Omega 6 Fatty Acids:

- Contains excellent antioxidants, Omega 6 essential fatty acids, and vitamins.

4. Sitosterol Content:

- High content of Sitosterol (77.5mg/100g oil).

Benefits:

1. Skin Relief & Improvement:

- Alleviates skin irritation, dryness, and supports the improvement of various skin issues.

2. Versatile Skincare Solution:

- Addresses mild skin problems like eczema.
- Suitable for sun protection, massage, and tissue lubrication.

3. Scalp and Hair Benefits:

- Soothes scalps and stimulates healthy hair growth.

4. Rich in Sitosterol:

- Contains a high level of Sitosterol (77.5mg/100g oil), offering additional skin benefits.

Recommended Uses:

1. Anti-Inflammatory & Anti-fungal Creams

- Ideal for use in anti-inflammatory and antifungal creams, providing skin-friendly relief.



# MARULA OIL

## Certificate Of Analysis

Conventional, Organic certified, FairWild certified



Very **high content** of monounsaturated oleic acid **omega 9** (C18:1) that has a **fluidizing effect** on skin membranes, enabling cosmetic ingredients to **penetrate deep into** the **skin's dermis**. The saturated fatty acid content of palmitoleic acid **omega 7** (C16:1) and **stearic acid** (C18:0) **provides a film** that soothes and **reduces** trans epidermal **water loss** (TEWL) without greasy residues. Marula oil is an **oxidation stable oil**.

<b>Product name:</b>	Marula Oil
<b>Botanical name:</b>	Sclerocarya birrea
<b>INCI name:</b>	Sclerocarya birrea Seed Oil
	CAS # 68956-68-3
	EC # 273-313-5
<b>Part used:</b>	Kernels
<b>Extraction method:</b>	Cold pressed
<b>Quality:</b>	100% pure and natural

PROPERTIES:	SPECIFICATIONS:	RESULTS:
Liquid:	at 25 °C	conforms
Color:	light gold to light amber	conforms
Odor:	Varies - slightly nutty, pleasant scent	conforms
Taste:	lightly nutty	conforms
Specific Gravity:	0.88 – 0.94	0.912
Iodine Value:	70 – 80 g/100g	72 g
Saponification:	178 – 199 mg (KOH/g)	192 mg
Peroxide value mEq O <sub>2</sub> /kg	<10.0	conforms
Acid value mg KOH/g	<6.0	conforms
Mould and yeast cfu/g	<100	conforms



FATTY ACID	C-CHAIN		SPECIFICATIONS (%)	RESULTS (%)
Miristic Acid	C14:0		<1%	0.1
Palmitic Acid	C16:0		9-13%	12.3
Palmitoleic Acid	C16:1	Omega 7	0-3%	0.1
Stearic Acid	C18:0		5-9%	8.7
Oleic Acid	C18:1	Omega 9	65-78%	74.8
Linoleic Acid	C18:2	Omega 6	3-6%	4.51
a-linolenic Acid	C18:3	Omega 3	0-3%	0.1
Arachid acid	C20:0		<1%	0.6

## Key Features:

### 1. High Oleic Acid Content:

- Very high content of monounsaturated oleic acid omega 9 (C18:1).
- Has a fluidizing effect on skin membranes, enabling deep penetration of cosmetic ingredients into the skin's dermis.

### 2. Oxidation Stability:

- Marula oil is known for its oxidation stability, ensuring a longer shelf life.
- Offers a luxurious and non-greasy feel for the entire body.

### 3. Saturated Fatty Acids:

- Contains palmitoleic acid omega 7 (C16:1) and stearic acid (C18:0).
- Forms a film that soothes and reduces trans epidermal water loss (TEWL) without leaving greasy residues.

## Benefits:

### 1. Enhanced Skin Penetration:

- Oleic acid facilitates the penetration of cosmetic ingredients deep into the skin, maximizing their effectiveness.

### 2. Moisture Retention:

- Saturated fatty acids create a protective film, soothing the skin and reducing trans epidermal water loss (TEWL) without a greasy feel.

### 3. Long-lasting Hydration:

- Helps maintain skin hydration for a smooth and supple complexion.

### 4. Oxidation Resistance:

- Provides stability to cosmetic products, ensuring they remain effective over time.

## Recommended Uses:

### 1. Facial Creams:

- Deeply nourishes and moisturizes the delicate facial skin.

### 2. Body Lotions:

- Offers a luxurious and non-greasy feel for the entire body.

### 3. After Sun Lotion:

- Soothes and replenishes the skin after exposure to the sun.

# MONGONGO OIL

## Certificate Of Analysis

Conventional, Organic certified, FairWild certified



**Rich** in polyunsaturated fatty acids, especially linoleic acid (ceramide) **omega 6** (C18:2) that **lets** the **skin and hair shine**. The **high content** of an eleostearic acid (punicin acid >24%) **omega 5** “super CLnA” (C18:3n5) **polymerizes by UV light** and **forms a protective film** in cosmetic products. In addition it **contains** oleic acid **omega 9** (C18:1) Linoleic acid **omega 6** (C18:2n6) **and** palmitoleic acid **omega 7** (C16:0) which helps the skin to regenerate and **protect** the **skin cells**. Mongongo oil has the **highest Vitamin E** content of all oils **described** in the codex alimentarius: (γ-tocopherol 4974.7 mg/kg fat. Vitamin E activity 544.4 mg/kg fat)

<b>Product name:</b>	Mongongo oil
<b>Botanical name:</b>	Schinziophyton rautanenii
<b>INCI name:</b>	Schinziophyton rautanenii Kernel Oil
	CAS # 68956-68-3
	EC # 273-313-5
<b>Part used:</b>	Kernels
<b>Extraction method:</b>	Cold pressed
<b>Quality:</b>	100% pure and natural

PROPERTIES:	SPECIFICATIONS:	RESULTS:
Liquid:	at 25 °C	conforms
Color:	Bright yellow liquid	conforms
Odor:	lightly nutty, distinctive	conforms
Taste:	lightly nutty, distinctive	conforms
Specific Gravity:	0.9 – 0.95	0.925
Iodine Value:	120 – 140 g/100g	134 g
Saponification:	180 – 190 mg (KOH/g)	180 mg
Peroxide value mEq O <sub>2</sub> /kg	<10.0	conforms
Acid value mg KOH/g	<6.0	conforms
Mould and yeast cfu/g	<100	conforms

FATTY ACID	C-CHAIN		SPECIFICATIONS (%)	RESULTS (%)
Palmitic Acid	C14:0		5-15%	8.61
Palmitoleic Acid	C16:1	Omega 7	<1%	0.05
Stearic Acid	C18:0		4-10%	7.16
Oleic Acid	C18:1	Omega 9	14-25%	17.74
Linoleic Acid	C18:2	Omega 6	34-39%	39.0
Linolenic Acid	C18:3	Omega 5	not yet defined	24.6

Key Features:

1. Rich in Polyunsaturated Fatty Acids:

- Especially high in linoleic acid (ceramide) omega 6 (C18:2).
- Enhances skin and hair shine.

2. Eleostearic Acid Content:

- Contains a high percentage of eleostearic acid (punicin acid >20%) omega 5 (C18:3n5).
- Polymerizes by UV light, forming a protective film in cosmetic products.

3. Diverse Fatty Acids:

- Includes oleic acid omega 9 (C18:1) and palmitic acid omega 7 (C16:0).
- Aids in skin regeneration and protection of skin cells.

4. Highest Vitamin E Content:

- Boasts the highest Vitamin E content among oils described in the codex alimentarius.

Benefits:

1. Enhanced Skin & Hair Radiance:

- Linoleic acid contributes to a radiant complexion and glossy hair.

2. UV Protection & Film Formation:

- Saturated fatty acids create a protective film, soothing the skin and reducing trans epidermal water loss (TEWL) without a greasy feel.

3. Long-lasting Hydration:

- Helps maintain skin hydration for a smooth and supple complexion.

4. Oxidation Resistance:

- Provides stability to cosmetic products, ensuring they remain effective over time.

Recommended Uses:

1. Facial Creams:

- Deeply nourishes and moisturizes the delicate facial skin.

2. Body Lotions:

- Offers a luxurious and non-greasy feel for the entire body.

3. After Sun Lotion:

- Soothes and replenishes the skin after exposure to the sun.



# KALAHARI MELON OIL

## Certificate Of Analysis

Conventional, Organic certified



**Very high content** of linoleic acid **omega 6** (C18:2) **55-70%** which **improves** the **skin barrier function** reduces inflammation and **regulates sebum production**. It has a **balanced contend** of palmitic acid **omega 7** (C16:0) and oleic acid **omega 9** (C18:1). It is a very **skin friendly oil** which is **absorbed very quickly** and is particularly suitable for sensitive and mature skin.

<b>Product name:</b>	Kalahari Melon Seed Oil
<b>Botanical name:</b>	Citrullus lanatus
<b>INCI name:</b>	Citrullus lanatus (Wild Watermelon) Seed Oil
	CAS #90244-99-8
	EC # 290-802-9
<b>Part used:</b>	
<b>Extraction method:</b>	Cold pressed
<b>Quality:</b>	100% pure and natural

PROPERTIES:	SPECIFICATIONS:	RESULTS:
Liquid:	at 25 °C	conforms
Color:	Bright yellow liquid	conforms
Odor:	Very low	conforms
Taste:	characteristic	conforms
Specific Gravity:	0.90 - 0.93	0.922
Iodine Value:	110 – 129 g/100g	119 g
Saponification:	170 – 180 mg (KOH/g)	178 mg
Peroxide value mEq O <sub>2</sub> /kg	<10.0	conforms
Acid value mg KOH/g	<6.0	conforms
Mould and yeast cfu/g	<100	conforms

FATTY ACID	C-CHAIN		SPECIFICATIONS (%)	RESULTS (%)
Palmitic Acid	C16:0		8-13	10.98
Palmitoleic Acid	C16:1	Omega 7	<1%	0.09
Stearic Acid	C18:0		5-11%	8.08
Oleic Acid	C18:1	Omega 9	10-20%	16.49
Linoleic Acid	C18:2	Omega 6	55-70%	62.3
Linolenic Acid	C18:3	Omega 5	<2%	0.103

Key Features:

1. High Linoleic Acid Content:

- Contains a very high content of linoleic acid omega 6 (C18:2), ranging from 55-70%.
- Improves skin barrier function, reduces inflammation, and regulates sebum production.

2. Balanced Fatty Acids:

- Exhibits a balanced content of palmitic acid omega 7 (C16:0) and oleic acid omega 9 (C18:1).
- Creates a harmonious blend for optimal skin benefits.

3. Quick Absorption:

- Absorbs very quickly into the skin, making it particularly suitable for sensitive and mature skin.

4. Gentle on the Skin:

- This oil is well-suited for individuals with sensitive and mature skin.

Benefits:

1. Improved Skin Barrier Function:

- Linoleic acid enhances the skin's barrier function, promoting overall skin health.

2. Anti-Inflammatory Effects:

- Reduces inflammation, providing relief for sensitive and irritated skin.

3. Sebum Regulation:

- Regulates sebum production, making it beneficial for both dry and oily skin types.

4. Balanced Nourishment:

- Balanced content of fatty acids nourishes the skin, contributing to its health and vitality.

5. Quick Absorption for All Skin Types:

- Absorbs rapidly, making it suitable for various skin types, including sensitive and mature skin.

Recommended Uses:

1. Facial Creams:

- Ideal for facial serums, providing quick absorption and nourishment.

2. Sport Massage Oils:

- Offers benefits that are gentle and nurturing to the skin, designed to accommodate the needs of active individuals.





NAMIB DESERT OILS

**Our cosmetic beauty oils are  
available in small batches  
and in bulk**

- High quality to European standards
- Pressing and filtration in own factory
- Laboratory analyses
- MSDS / Data sheets
- Oil samples available
- Sustainable

**Please get in touch for more  
details & information:**

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NAMIB DESERT OILS

Our aim and vision is to support women in rural, dry desert areas within Namibia to build up their own Jojoba plantation and harvesting centres and become a part of the whole value chain. With workshops and knowledge transfer, we assure that the new farmers gain all needed skills to make their story a success.

**From the harvest of our social project to the bottle of liquid gold, we manage every step of the process ensuring you the highest quality cosmetic oils.**



HIGH QUALITY COSMETIC OILS  
FROM NAMIBIA



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100% natural - 100% pure  
high-quality - directly from the source