



## DATA SHEET AND SPECIFICATIONS OF AURUM AFRICA KALAHARI MELON OIL

### SPECIFICATION

Product name:	Kalahari Melon Oil
Botanical Name:	<i>Citrullus lanatus</i>
Part of the plant used:	Seeds
INCI Name:	<i>Citrullus lanatus Seed Oil</i>
Applications:	Cosmetics
Extraction process:	Cold pressed

### CHARACTERISTICS

Colour	Very light yellow-green colour
Odor	A very subtle neutral odor
Acid value	<3 mg KOH/g
Peroxide Value	<5 mEq/kg

### FATTY ACID COMPOSITION

#### Saturated fatty acids

Palmitic Acid C16 : 0	8-13%
Stearic Acid C18 : 0	5-11%

#### Unsaturated fatty acid

Oleic acid (omega 9) (C18:1)	10-29%
Linoleic acid (omega 6) (C18:2)	55-70%
$\alpha$ -Linolenic Acid (omega 3) (C18:3)	< 2%

### MICROBIOLOGY

Escherichia coli	Not detected
Mould	< 10 cfu/g
Yeast	< 10 cfu/g

### APPLICATIONS

Kalahari Melon Oil is used in body, hand, face and baby products. A light, penetrating, non-greasy, moisturising emollient oil. It is a good option for a carrier oil in baby skin care formulations, aromatherapy, massage oils, bath oils, salt scrubs, facials, face cream, bath bombs and hair oils.

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