



## DATA SHEET AND SPECIFICATIONS OF AURUM AFRICA - BAOBAB OIL

### SPECIFICATION

|                         |                                    |
|-------------------------|------------------------------------|
| Product name:           | Baobab Seed Oil                    |
| Botanical Name:         | <i>Adansonia digitata</i>          |
| Part of the plant used: | Seeds                              |
| INCI Name:              | <i>Adansonia digitata Seed Oil</i> |
| Applications:           | Cosmetics                          |
| Extraction process:     | Cold pressed                       |

| CHARACTERISTICS | STANDARD                     | BATCH MTK180908 |
|-----------------|------------------------------|-----------------|
| Colour          | Yellow                       | Yellow          |
| Peroxide value  | Max 15 meqO <sub>2</sub> /KG | 5.35            |
| Oleic acidity   | Max 5%                       | 1.2             |
| Free Fatty Acid | Max 10                       | 2.4             |
| Density @ 20°C  | 0.910 – 0.930                | 0.915           |

| MONO & POLYUNSATURATED FATTY ACIDS | %           | %     |
|------------------------------------|-------------|-------|
| Oleic Acid C18 : 1                 | 30.0 – 42.0 | 33.68 |
| Linoleic Acid C18 : 2              | 20.0 – 35.0 | 32.52 |
| α-Linolenic Acid C18 : 3           | 1.0 – 3.0   | 1.44  |

| SATURATED FATTY ACIDS  | %           | %     |
|------------------------|-------------|-------|
| Palmitic Acid C16 : 0  | 18.0 – 30.0 | 22.73 |
| Stearic Acid C18 : 0   | 2.0 – 9.0   | 3.53  |
| Arachidic Acid C20 : 0 | < 2.0       | 0.84  |

| MICROBIOLOGY             |            |          |
|--------------------------|------------|----------|
| Total Viable count cfu/g | <100 cfu/g | <10cfu/g |
| Yeast cfu/g              | <100 cfu/g | <10cfu/g |
| Mold cfu/g               | <100 cfu/g | <10cfu/g |

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