

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>BAOBAB OIL</b>
<b>Product Code</b>	PCO4007
<b>CAS #</b>	225233-93
<b>INCI Name</b>	Adansonia Digitata Oil
<b>Batch #</b>	4554112
<b>Manufacturing Date</b>	OCTOBER 2024
<b>Best Before Date</b>	SEPTEMBER 2026
<b>Extraction Method</b>	Cold Pressed
<b>Quality</b>	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
<b>Appearance</b>	Yellow - Orange colored oily liquid	CONFORMS
<b>Odour</b>	Characteristic	CONFORMS
<b>Free Fatty Acid</b>	<3.0	0.97
<b>Peroxide Value (meq O<sub>2</sub>/kg)</b>	<10.0	4.1
<b>Iodine Value</b>	65.0 – 95.0	82.0
<b>Acid Value</b>	<6.0	1.90

### FATTY ACID COMPOSITION:

<u>FATTY ACID</u>	<u>C-CHAIN</u>	<u>SPECIFICATIONS (%)</u>	<u>RESULTS (%)</u>
<b>Palmitic Acid</b>	C16:0	15.00 – 30.00	24.00
<b>Stearic Acid</b>	C18:0	Maximum 9.00	4.20
<b>Oleic Acid</b>	C18:1 (n-9)	25.00 – 45.00	40.00
<b>Linoleic Acid</b>	C18:2 (n-6)	20.00 – 36.00	26.90
<b>Linolenic Acid</b>	C18:3 (n-3)	Maximum 3.00	0.30

**Disclaimer:** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.

<u>MICROBIAL ANALYSIS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>	<u>RESULTS</u>
<b>Aerobic Mesophilic Bacterial Count</b>	< 100 CFU/g	ISO 21149	CONFORMS
<b>Yeast and Mould</b>	< 10 CFU/g	ISO 16212	CONFORMS
<b>Candida albicans</b>	ABSENT / 1g	ISO 18416	CONFORMS
<b>Escherichia coli</b>	ABSENT / 1g	ISO 21150	CONFORMS
<b>Pseudomonas aeruginosa</b>	ABSENT / 1g	ISO 22717	CONFORMS
<b>Staphylococcus aureus</b>	ABSENT / 1g	ISO 22718	CONFORMS

<u>HEAVY METAL TESTS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>	<u>RESULTS</u>
<b>Lead: Pb (mg/kg or ppm)</b>	< 10 ppm	na	CONFORMS
<b>Arsenic: As (mg/kg or ppm)</b>	< 2 ppm	na	CONFORMS
<b>Mercury: Hg (mg/kg or ppm)</b>	< 1 ppm	na	CONFORMS

#### **STABILITY AND STORAGE:**

Keep in tightly closed container in a cool and dry place, protected from sunlight.  
 When stored for more than 24 months, quality should be checked before use.

**As it is electronically generated document, hence no signature required.**