

*Certificate of Analysis Sheet* **Organic Baobab Seed Oil** *(Adansonia digitata)*

|  |
| --- |
| Product Name: Baobab Oil, Cold Pressed Organic |
| BATCH NUMBER: check product package |
| Product Inci: Adansonia Digitata Oil |
| ORIGIN: NIGERIA |
| Manufacturing Method: Cold Pressed |

|  |  |  |
| --- | --- | --- |
| **Analytical Details** | **Range %** | **Results** |
| Appearance | Oily liquid | - |
| Odour | Characteristic, nutty | - |
| Colour | Golden Yellow - yellow | - |
| Acid Value | <3.0 | 1.84 |
| Specific Gravity @ 20C | 0.89 – 0.99 | 0.92 |
| PEROXIDE VALUE (MEQ O2/ KG) | <20.0 | 5.0 |
| Iodine Value | 60.0 – 100.0 | 83.0 |
| Free Fatty Acid | <1.5 | 0.92 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Fatty Acid****Profile** |  | **Range %** | **Results** |
| **C-Chain** | **Acid Name** |  |  |
| C16:0 | Palmitic | 15.0 – 30.0 | 25.8 |
| C18:0 | Stearic | < 8.0 | 4.0 |
| C18:1 | Oleic | 25.0 – 40.0 | 39.3 |
| C18:2 | Linoleic | 20.0 – 36.0 | 26.6 |
| C18:3 | Linolenic | <3.0 | 0.3 |