

# AKÖMA™

## FROM THE HEART

### CERTIFICATE OF ANALYSIS BAOBAB OIL ORGANIC

#### DESCRIPTION

**PRODUCT:** BAOBAB OIL ORGANIC, COLD PRESSED  
**INCI NAME:** ADANSONIA DIGITATA OIL  
**CAS No:** 91745-12-9  
**EINECS No:** 294-680-8  
**MANUFACTURING METHOD:** COLD PRESSED

#### CHARACTERISTICS

| ANALYTICAL DETAILS                       | RANGE %         | RESULT   |
|--|-----------------|----------|
| APPEARANCE                               | OILY LIQUID     | CONFORMS |
| ODOUR                                    | CHARACTERISTIC  | CONFORMS |
| COLOUR                                   | YELLOW - ORANGE | CONFORMS |
| FREE FATTY ACID                          | <3.0            | 0.519    |
| PEROXIDE VALUE (MEQ O <sub>2</sub> / KG) | <20.0           | 4.55     |
| IODINE VALUE                             | 65.0 – 95.0     | 83.86    |
| ACID VALUE                               | <6.0            | 1.04     |
| SPECIFIC GRAVITY @ 20°C                  | 0.907 – 0.925   | 0.915    |

| FATTY ACID PROFILE | ACID NAME        | RANGE %     | RESULTS  |
|--------------------|------------------|-------------|----------|
| C-CHAIN            |                  |             |          |
| C16:0              | Palmitic Acid    | 15.0 – 30.0 | 22.2     |
| C16:1              | Palmitoleic Acid | <1.0        | CONFORMS |
| C18:0              | Stearic Acid     | 1.0 – 8.0   | 3.5      |
| C18:1              | Oleic Acid       | 25.0 – 40.0 | 35.4     |
| C18:2              | Linoleic Acid    | 20.0 – 36.0 | 30.1     |
| C18:3              | Linolenic Acid   | <3.0        | 0.46     |