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## Certificate of Analysis

### Product and SKU: Shea Butter TSK-BUT006

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: SHEANUT BUTTER, UNREFINED ORGANIC**

LOT NUMBER: LOT0025431

PRODUCT INCI: BUTYROSPERMUM PARKII BUTTER

PRODUCT CODE: K0423/ K1180

CAS NUMBER: 194043-92-0 / 91080-23-8

EINECS NUMBER: 293-515-7

MANUFACTURING METHOD: EXPELLER PRESSED

MANUFACTURING DATE: 17/01/2025

BEST BEFORE DATE: 17/07/2026

| ANALYTICAL DETAILS           | RANGE %           | RESULTS     |
|------------------------------|-------------------|-------------|
| APPEARANCE                   | SOFT BUTTER       | CONFORMS    |
| COLOUR                       | OFF WHITE - IVORY | CONFORMS    |
| COLOUR (LOVIBOND)            | <100Y, 10.0R      | 95.0Y, 8.1R |
| ODOUR                        | CHARACTERISTIC    | CONFORMS    |
| FREE FATTY ACID (% AS OLEIC) | <7.0              | 6.90        |
| PEROXIDE VALUE               | <5.0              | 1.5         |
| MOISTURE                     | <0.10             | <0.10       |
| IODINE VALUE                 | 58.0 – 72.0       | 67.7        |

| FATTY ACID PROFILE |            | RANGE %     | RESULTS |
|--------------------|------------|-------------|---------|
| C-CHAIN            | ACID NAME  |             |         |
| C16:0              | PALMITIC   | 2.0 – 6.0   | 3.6     |
| C18:0              | STEARIC    | 38.0 – 47.0 | 42.9    |
| C18:1              | OLEIC      | 42.0 – 49.0 | 45.0    |
| C18:2              | LINOLEIC   | 4.0 – 8.0   | 6.1     |
| C18:3              | LINOLENIC  | <1.0        | < 1.0   |
| C20:0              | ARACHIDIC  | 1.0 – 2.0   | 1.0     |
| C20:1              | GADOLEIC   | <1.0        | 0.3     |
| C22:0              | BEHENIC    | <1.0        | 0.2     |
| C24:0              | LIGNOCERIC | <1.0        | 0.1     |