

## CERTIFICATE OF ANALYSIS (COA)

**Product Name:** Shea Butter Refined & Deodorized

**Latin Name:** Butyrospermum Parkii (Shea) Butter

**Plant Part Used:** Fruit

**Lot No.:** BPCsBR12026

**Country of Origin:** France

**Expiry:** December 2028

| Test Parameter                  | Specification                        | Result   |
|---------------------------------|--------------------------------------|----------|
| Appearance:                     | White to slightly pale-yellow solid  | Complies |
| Odor:                           | Neutral to faint characteristic odor | Complies |
| Solubility:                     | Insoluble in water                   | Complies |
| Melting Point:                  | 28–38°C                              | Complies |
| Iodine Value:                   | 50–70                                | Complies |
| Free Fatty Acid (as Oleic Acid) | Maximum 1.0%                         | Complies |
| Peroxide Value                  | Maximum 5.0 meq O <sub>2</sub> /kg   | Complies |
| Saponification Value            | 175–195 mg KOH/g                     | Complies |

### Fatty Acid Profile

| Fatty Acid Specification (%) |       |
|------------------------------|-------|
| Palmitic Acid (C16:0)        | 3–9   |
| Stearic Acid (C18:0)         | 34–45 |
| Oleic Acid (C18:1)           | 38–50 |
| Linoleic Acid (C18:2)        | 2–9   |

### Storage Conditions: Store in a cool, dry place away from heat & direct light

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