

CERTIFICATE OF ANALYSIS

Product Name	Shea Butter
INCI Name	Butyrospermum Parkii Butter
CAS Number	194043-92-0
Lot Number	LOT0021357
Manufacture Date	08/2025
Re-test Date	08/2027
Quality	100% Pure and Natural ; Pressed and Refined

PROPERTIES	SPECIFICATIONS	RESULTS
Appearance	Off white - ivory oft butter	CONFORM
Colour Lovibond Cell 5¹¹1/4	≤ 12.0Y/1.2R	CONFORM
Odour	Faint odour	CONFORM
Acid Value	≤ 1.0 mgKOH/g	0.24
Peroxide Value	≤ 5.0 meqO ₂ /kg	0.0
Iodine Value	45.0 - 68.0 gl ₂ /100g	68.0
Saponification Value	168 - 190 mgKOH/g	190.0
Unsaponifiable Matter	5.0 - 10.0 (%)	7.80
Free Fatty Acid (% as Oleic)	≤ 1.0	0.12
Specific Gravity @20°C	0.900 - 0.940	CONFORM
Melting Point	30.0 - 42.0 °C	CONFORM
Moisture	≤ 0.10	CONFORM

FATTY ACID COMPOSITION %(GLC):

FATTY ACID	SPECIFICATIONS (%)	RESULTS (%)
C16:0 Palmitic Acid	3.00 – 8.00	3.40
C18:0 Stearic Acid	40.00 – 50.00	43.00
C18:1 Oleic Acid	40.00 – 50.00	45.60
C18:2 Linoleic Acid	3.00 – 9.00	5.70
C18:3 Alpha-Linolenic Acid	≤ 1.00	≤ 1.00
C20:0 Arachidic Acid	≤ 3.00	≤ 3.00

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.

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.