

CERTIFICATE OF ANALYSIS

Product Name	Shea Butter
INCI Name	Butyrospermum Parkii Butter
CAS Number	194043-92-0
Lot Number	6016M24/04
Manufacture Date	11/2024
Re-test Date	11/2026
Quality	100% Pure and Natural ; Pressed and Refined

PROPERTIES	SPECIFICATIONS	RESULTS
Appearance	Solid butter	CONFORM
Acid Value	≤ 0.5 mgKOH/g	0.29
Iodine Value	45.0 - 65.0 gI ₂ /100g	49.9
Saponification Value	165 - 188 mgKOH/g	186.0
Peroxide Value at drumming*	≤ 2.0 meqO ₂ /kg	0.4
Peroxide Value during shelf life	≤ 10.0 meqO ₂ /kg	guaranteed within shelf life
Colour	≤ 50.0Y/5.0R Lovibond Cell 5 ¹¹ 1/4	48.0Y/4.7R
Unsaponifiable Matter	4.0 - 10.0 %	CONFORM
Pour Point	38.0 - 48.0 °C	CONFORM
Melting Point	40.0 - 50.0 °C	CONFORM

*Guaranteed at direct arrival in customer's house

FATTY ACID COMPOSITION %(GLC):

FATTY ACID	SPECIFICATIONS (%)	RESULTS (%)
C12:0 Lauric Acid	≤ 2.0	0.13
C14:0 Myristic Acid	≤ 1.0	0.09
C16:0 Palmitic Acid	3.00 – 8.00	5.70
C16:1 Palmitoleic Acid	≤ 0.5	0.09
C17:0 Margoric Acid	≤ 0.1	Tr.
C17:1 Margaroleic Acid	≤ 0.1	Tr.
C18:0 Stearic Acid	35.00 – 45.00	42.89
C18:1 Oleic Acid	40.00 – 50.00	43.36

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.

C18:2 Linoleic Acid	4.00 – 10.0	6.23
C18:3 Alpha-Linolenic Acid	≤ 0.5	0.03
C20:0 Arachidic Acid	≤ 2.0	1.10
C20:1 Eicosenoic Acid	≤ 1.5	0.17
C22:0 Behenic Acid	≤ 0.5	0.20

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.