

TECHNICAL DATA SHEET

Product Name	SHEA BUTTER
Botanical Name	Butyrospermum parkii syn Vitellaria paradoxa
Product Code	PBO6001
CAS #	91080-23-8 ; 194043-92-0
EINECS #	293-515-7
INCI Name	Butyrospermum Parkii (Shea) Butter

Part Used	Nuts
Extraction Method	Cold Pressed and Refined
Quality	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Ivory white semi-solid fat
Odour	Characteristic neutral odour
Melting Point (°C)	31° - 44°
Moisture (%)	Maximum 0.1
Saponification Value (mgKOH/g)	178 - 195
Unsaponifiables Matter (% m/m)	4.0 – 9.0
Peroxide Value (meq O₂/kg)	Maximum 5.0
Iodine Value (g I₂/100g)	50 - 72
Free Fatty Acids (% oleic)	Less than 0.1
Acid Value (mgKOH/g)	Less than 1.5
Solubility	Soluble in cosmetic esters and fixed oils; Insoluble in water

FATTY ACID COMPOSITION:

<u>FATTY ACID</u>	<u>C-CHAIN</u>	<u>SPECIFICATIONS (%)</u>
Palmitic Acid	C16:0	2.00 – 9.00
Stearic Acid	C18:0	36.00 – 47.00
Oleic Acid	C18:1 (n-9)	40.00 – 50.00
Linoleic Acid	C18:2 (n-6)	3.00 – 10.00
Arachidic Acid	C20:0	Maximum 3.50

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.

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