



Shea Butter Refined

Technical Data Sheet

Product Description

Shea butter is a grey, tallow-like substance, which is extracted from the kernels of the fruit of the tree *Butyrospermum parkii* by hydraulic pressing or by using specially adjusted screw expellers. The greenish crude fat is usually more or less contaminated with the latex from the fruits, rendering the shea butter rather difficult to refine. Most qualities offered are rather grey in colour, but if proper care is taken in the selection of the nuts, and if adequately refined an attractive white fat can be obtained which is very suitable for cosmetic applications. Our shea butter is refined, bleached and deodorised to obtain a nice whitish product.

INCI Name:	Butyrospermum parkii nut extract
CAS No.:	91080-23-8
EINECS No.:	293-515-7

Specifications

Appearance:	White to slightly pale yellow solid
Odour:	Neutral to faint characteristic odour.

% Free Fatty Acid (as oleic acid):	Max. 1.0
Iodine Value:	50 - 70
Peroxide Value (meq/kg):	Max. 5.0
Unsaponifiable Matter:	Min. 4.0%
Saponification Value:	175 - 195
Melting range °C:	28 - 38

Fatty Acid Composition % :

Palmitic	C16:0	3 - 9
Stearic	C18:0	34 - 45
Oleic	C18:1	38 - 50
Linoleic	C18:2	2 - 9
Total Saturated		39 - 60
Total Monounsaturated		38 - 50
Total Polyunsaturated		2 - 10

The variations in fatty acid composition are due to climatic and variety influences.

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