

Product - Specification

Product / Trading-Name: **Shea butter refined**

Description: Shea Butter refined is obtained from the kernels of the fruit of the shea nut tree (*Butyrospermum parkii*) by mechanical or by solvent extraction and subsequent refining. The kernels contain about 34 - 57 % oil.

Product No.: 140030

CAS No.: 194043-92-0 / 91080-23-8

EINECS No.: - / 293-515-7

INCI Name: Butyrospermum Parkii Butter

Properties: Shea Butter refined is a white to light yellow fat. It has a slight characteristic odour and is insoluble in water.

Parameter	Method	Unit	Value
<u>Physical and Chemical Characteristics</u>			
acid value	Ph. Eur. [2.5.1]	mg KOH/g	max. 2,0
free fatty acids (ffa)	Ph. Eur. [2.5.1]	%	max. 1,0
peroxide value	Ph. Eur. [2.5.5]	meq O ₂ /kg	max. 5,0
colour (Lovibond 5 1/4") red	EN 1557		max. 3,5
iodine value	Ph. Eur. [2.5.4]	g I ₂ /100g	55,0 - 75,0
slip melting point	Ph. Eur. [2.2.15]	°C	28 - 45

Fatty Acid Composition (GC of FAMES)

16:0 palmitic acid	Ph. Eur. [2.4.22]	%	3,0 - 9,0
18:0 stearic acid	Ph. Eur. [2.4.22]	%	32,0 - 50,0
18:1 oleic acid	Ph. Eur. [2.4.22]	%	40,0 - 57,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	4,0 - 8,0

Storage:

Keep in well closed, well filled containers or under inert gas, protect from light, cool and dry.

Residual Solvents:

It complies with the guideline CPMP/ICH/283/95 and CPMP/ICH/1940/00 corr. (residual solvents)