

# Product - Specification

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Reg-No.: Sp140331d  
Rev-No.: d

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Product / Trading-Name: **Shea butter refined organic DE-ÖKO-001**

**Description:** Shea Butter is obtained from the kernels of the fruit of the shea nut tree (*Butyrospermum parkii*).  
The kernels contain about 34 - 57 % oil.

**Product No.:** 140331  
**CAS No.:** 194043-92-0 / 91080-23-8  
**EINECS No.:** 293-515-7  
**INCI Name:** Butyrospermum Parkii Butter

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

Parameter	Method	Unit	Value
<b><u>Physical and Chemical Characteristics</u></b>			
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 O2/kg	max. 5,0
colour (Lovibond 5 1/4") red	EN 1557		max. 3,5
iodine value	Ph. Eur. [2.5.4]	g I2/100g	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.

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