

Technical Data Sheet

Version: 1.0 EN

Organic Shea butter refined

Article number: D10476

DE-ÖKO-072
Non-EU Agriculture

General Information

Origin	Shea butter is a natural fat obtained from the nuts of the shea tree (<i>Vitellaria paradoxa</i>). The product is controlled and gently refined in Europe.
CAS Number	91080-23-8
EC Number	293-515-7
INCI	BUTYROSPERMUM PARKII (SHEA) BUTTER
Appearance	Off white to ivory-coloured, paste-like solid
Packaging	25 kg cartons and small containers
Shelf life	24 months
Applications	Application in food and cosmetics, as well as technical application
Allergens	None of the 14 main allergens added or contained
Compliance	Regulation (EU) No 453/2010, REACH Regulation (EC) 1907/2006, Regulation (EU) 2018/848; non animal testing; vegan; gluten free

Specification Values

Parameter	Value
Iodine value	55 – 72 g J/100g
Density (20°C)	0,89 – 0,93 g/ml
Acid value	≤ 1,0 mg KOH/g
Peroxide value	≤ 5,0 meq O ₂ /kg
Melting Point	32° - 40°C
Water	≤ 0,1 %
Saponification value	160 – 190 mg KOH/g
Unsaponifiable matter	1 – 10 %
Iron	≤ 1,5 mg/kg
Arsenic	≤ 0,5 mg/kg
Lead	< 10 mg/kg
Mercury	< 2 mg/kg

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Total plate count	< 100 KBE/g
Yeasts	< 10 KBE/g
Molds	< 10 KBE/g
Salmonella	Absent in 125g

Fatty acid profile

C16 Palmitic acid	2,0 – 10,0 %
C18 Stearic acid	25,0 – 50,0 %
C18:1 Oleic acid	36,0 - 62,0 %
C18:2 Linoleic acid	1,0 – 11,0 %

Nutritional Values

	Average Values (per 100g / 100ml)
Energy (kJ)	3700
Energy (kcal)	900
Fat (g)	100
- Of which saturated fats (g)	48
Carbonhydrates (g)	< 0,5
- Of which sugars (g)	< 0,5
Fibre (g)	< 0,5
Protein (g)	< 0,5
Salt (g)	< 0,01

Information

All details are based on our current state of knowledge and are not transferable to other products. They do not constitute a warranty or guarantee of specific properties or suitability for particular applications. Each use of our supplied products must be tested in the respective application and checked for any existing property rights. Color and form of the product may slightly vary within a production batch due to the manufacturing process.

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