



Product Specification for Organic Refined Shea Butter Food Grade

SPECIFICATION

Product	Organic Refined Shea Butter
INCI Name	Butyrospermum Parkii Butter
CAS Number	91080-23-8
Grade	Food
EINECS	293-515-7
Shelf life	24 months from Manufacture

Chemical and Physical Parameters				
Analysis	Comment	Specification	UOM	Based on method
Free fatty acid crude	as Oleic acid	-	%	NEN 660:2009
Free fatty acid	as Oleic acid	0.20 max	%	NEN 660:2009
Peroxide value		2.0 max	meq/kg	AOCS Cd8b:90(09)
Color		-	gardner	NEN 27608:2010
Color lovibond red		-	5 ¼ inch	NEN 27608:2010
Color lovibond yellow		-	5 ¼ inch	NEN 27608:2010
Moisture content	Karl Fisher	0.10 max	%	AOCS Ca2e: 84(09)
Refractive Index	As ND40	1.4627 max	n/a	IUPAC 2.102
Iodine Value	Wijs method	72 max	n/a	NEN 3961:1999
3-MCPD		<1	mg/kg	ISO 18363-1
Glycidyl-Ester		<1	Mg/kg	AOCS Cd29c-13
Fatty acid profile				NEN 5508:1995
C 8:0		-	%	
C 10:0		-	%	
C 12:0		-	%	
C 14:0		-	%	
C 16:0		2-6	%	
C 16:1		-	%	
C 18:0		38-47	%	
C 18:1		42-49	%	
C 18:2		4-8	%	
C 18:3		0-1	%	
C 20:0		1-2	%	
C 20:1		0-1	%	
C 22:0		0-1	%	
C 22:1		0	%	
C 24:0		0-1	%	



THE SAVANNAH FRUITS COMPANY LTD

Document Reference: SFC- 820- A06

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Extraction	Method: Solvent free traditional extraction method by hand
Packaging:	Cartons 25 kg, white plastic pails 25 kg net
Storage:	Store in original unopened packaging in a cool dry place
Solubility:	Insoluble in water. Soluble in natural oils and non-polar organic solvents.
Safety:	Refer to MSDS. Not considered hazardous.
Revision Date:	March, 2020

COMPLIANCE WITH FOOD AND LEGISLATION

The product is brought onto the market in compliance with current relevant EU Food Laws and Directives, including contaminants regulations and the recommendations made by EU Food Laws. Packaging and transport containers also conform to the regulatory provisions. The product meets Dutch GMP + conditions.