

**Product Specification for Conventional Unrefined Shea Butter (filtered and dried) Page 1 of 2**

## SPECIFICATION

Product	Conventional Unrefined Shea Butter (filtered and dried)
INCI Name	Butyrospermum Parkii Butter
CAS Number	91080-23-8
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	7 max	%	NEN 660:2009
Peroxide value		5 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
Refractive index	as ND40	1.4627 max	n/a	IUPAC 2.102
Moisture content	Karl fisher	0.10 max	%	AOCS Ca2e:84(09)
Iodine value	Wijs method	72 max	n/a	NEN 3961:1999
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		-	%	
C 24:0		0-1	%	



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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
Shelf life:	24 months in original unopened packaging.
Solubility:	Insoluble in water. Soluble in natural oils and non-polar organic solvents.
Safety:	Refer to MSDS. Not considered hazardous.
Revision Date:	March 2020

