

Conventional Unrefined Shea Butter

Product	Conventional Unrefined Shea Butter	Batch Number	F20252303
INCI Name	Butyrospermum Parkii Butter	Manufacturing date	10th June 2025
Supplier	Ecoflores	Shelf life	24 months from Manufacture
Country of Origin	Ghana	CAS Number	91080-23-8
EINECS	293-515-7		

CHEMICAL AND PHYSICAL PARAMETERS

Analysis	Comment	Result	Specification	UOM	Based on method
Free fatty acid	as Oleic acid	6.35	7 max	%	NEN 660:2009
Peroxide value		3.3	15 max	meq/kg	AOCS Cd8b:90(09)
Color		7	8.5 max	gardner	NEN 27608:2010
Color lovibond red		2.1	12.5 max	5 ¼ inch	NEN 27608:2010
Color lovibond yellow		21.0	105 max	5 ¼ inch	NEN 27608:2010
Refractive index	as ND40	1.4634	1.4690 max	n/a	IUPAC 2.102
Moisture content	Karl fisher	0.07	0.10 max	%	AOCS Ca2e:84(09)
Iodine value	Wijs method	63.0	58-72 max	n/a	NEN 3961:1999
Melting Point		31.4	29-38 max	°C	ISO6321
Saponification value		179.0	170-190 max	MgKOH/g	
Unsaponifiable matter		5.44	4-10 max	%	

FATTY ACID PROFILE - NEN 5508:1995

Analysis	Result	Specification	UOM
C 8:0	0.0	-	%
C 10:0	0.0	-	%
C 12:0	0.2	-	%
C 14:0	0.1	-	%
C 16:0	4.3	2-6	%
C 16:1	0.0	-	%
C 18:0	41.9	38-47 max	%
C 18:1	45.0	42-49 max	%
C 18:2	6.4	4-8 max	%
C 18:3	0.2	0-1	%
C 20:0	1.4	1-2	%
C 20:1	0.3	0-1	%
C 22:0	0.2	0-1	%
C 22:1	0.0	-	%
C 24:0	0.0	0-1	%