



Organic Unrefined Shea butter

Certificate of Analysis

Product	Organic Unrefined Shea Butter
INCI Name	Butyrospermum Parkii Butter
Supplier Site	Ghana
CAS Number	91080-23-8
EINECS	293-515-7
COO	Ghana
Batch Number	16194
Manufacturing date	July 13, 2026
Shelf life	24 months from Manufacture

Chemical and Physical Parameters

Analysis	Comment	Result	Specification	UOM	Based on method
Free fatty acid	as Oleic acid	6.8	7 max	%	ISO 660
Peroxide value		0.0	15 max	meq/kg	ISO 3960
Color		8.0	8.5 max	gardner	ISO 27608
Color lovibond red		12.4	12.5 max	5 ¼ inch	ISO 27608
Color lovibond yellow		105.0	105 max	5 ¼ inch	ISO 27608
Refractive index	as ND40	1.4631	1.4690 max	n/a	ISO 6320
Moisture content	Karl fisher	0.08	0.10 max	%	ISO 8534
Iodine value	Wijs method	60.5	58-72 max	n/a	ISO 3961
Melting point		35.0	29-38 max	°C	ISO 6321 (2021) Method B
Saponification		182.5	170-190 max	MgKOH/g	MP-01329-NL ISO 3657:2020
Unsaponifiable matter		4.59	4-10 max	%	MP-01330-NL ISO 3596:2000
Fatty acid profile					ISO 12966
C 8:0		0.0	-	%	
C 10:0		0.0	-	%	
C 12:0		0.0	-	%	
C 14:0		0.1	-	%	
C 16:0		3.6	2-6	%	
C 16:1		0.1	-	%	
C 18:0		44.1	38-47	%	
C 18:1		43.7	42-49	%	
C 18:2		6.1	4-8	%	
C 18:3		0.2	0-1	%	
C 20:0		1.5	1-2	%	
C 20:1		0.3	0-1	%	
C 22:0		0.2	0-1	%	
C 22:1		0.0	-	%	
C 24:0		0.1	0-1	%	

Test Date: July 14, 2026.