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Certificate Of Analysis

Product and SKU: Shea Oil TSK-OIL066

Customer:	The Soap Kitchen	Order No:	PO#480851
Quantity:	1 x 25 kilos	Batch No:	KMO682
Date:	18.02.2025	Code No:	TSK-OIL066
Supplier Ref:	06033B20101		

TEST	SPECIFICATION	ANALYSIS
Acid Value (mg KOH/g)	0.5 maximum	0.1
Iodine Value (gI ₂ /100)	75 - 90	88.6
Saponification Value (mg KOH/g)	175 - 195	192.5
Peroxide Value (meq O ₂ /kg)	2.0 maximum	0.7 (at time of production analysis)
Colour (Lovibond 5¼" cell)	50.0 yellow	7.1
	5.0 red	0.8
Cloud Point (°C)	+10	Pass
Pour Point (°C)	+5	Pass

FATTY ACID COMPOSITION (%)		
C12:0 Lauric	0.1 maximum	Traces
C14:0 Myristic	0.2 maximum	0.04
C16:0 Palmitic	3.5 – 6.5	4.2
C16:1 Palmitoleic	1.5 maximum	0.2
C18:0 Stearic	5 – 9	5.4
C18:1 Oleic	68 - 78	77.8
C18:2 Linoleic	7 - 18	10.8
C18:3 Alpha Linolenic	0.5 maximum	0.05

Date of Packing: January 2025

Date of Expiry: January 2027

Storage: The shelf life of this product can be affected by storage conditions. Influencing factors such as Temperature, exposure to light and air will cause the product to deteriorate at a faster rate.
The product should remain in good condition if stored as recommended