



The Soap Kitchen
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CERTIFICATE OF ANALYSIS

PRODUCT NAME: Shea Oil - TSK-OIL066 - KMO3038

Customer:	The Soap Kitchen	Order No:	181875
Quantity:	8 x 5 Kilos	Batch No:	KMO3038
Date:	26.07.2022	Code No:	OIL066
Supplier Ref:	S18/1020		

TEST	SPECIFICATION	ANALYSIS
Acid Value (mg KOH/g)	0.5 maximum	0.1
Iodine Value (gI ₂ /100)	75 - 90	88.5
Saponification Value (mg KOH/g)	175 - 195	192.7
Peroxide Value (meq O ₂ /kg)	2.0 maximum	0.5
Colour (Lovibond 5¼" cell)	50.0 yellow	7.6
	5.0 red	0.9
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	Traces
C16:0 Palmitic	3.5 – 6.5	4.50
C16:1 Palmitoleic	1.5 maximum	0.59
C18:0 Stearic	5 – 9	6.0
C18:1 Oleic	68 - 78	75.48
C18:2 Linoleic	7 - 18	12.0
C18:3 Alpha Linolenic	0.5 maximum	0.06

Date of Manufacture: February 2022
Date of Expiry: February 2024