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Certificate Of Analysis

Shea Oil

TSK-OIL066

Product Name:	Shea Oil		
Customer:	Interested Party	Customer Ref:	
Date:	14/04/2025	Batch no:	49493-03

Analytical Test	Specification	Result
Appearance:	Off white soft mass when cool. Yellow mobile liquid when warm.	Conforms
Odour:	Characteristic.	Conforms
Refractive Index @ 40°C	1.460 - 1.480	1.471
Acid Value (<u>mgKOH/g</u>)	≤ 2.0	0.24
Iodine Value (Calc)	50.0 - 85.0	72.8
Peroxide Value (<u>Meq O₂/kg</u>)	≤ 10.0 (<i>at time of production analysis</i>)	0.1
Fatty Acid Profile (%)		
C16:0 Palmitic Acid	≤ 6.0	4.86
C18:0 Stearic Acid	20.0 - 40.0	28.3
C18:1 Oleic Acid	40.0 - 60.0	43.9
C18:2 Linoleic Acid	3.0 - 10.0	3.9
Packing Date:		04 / 2025
Recommended re-test date:		10 / 2026
Commercial Expiry date:		04 / 2027

Storage	Shelf life of this product is influenced by many conditions of which temperature, exposure to light / air and general good storage are the major factors. Material stored in adverse conditions may deteriorate much faster. Our suggested "Re-test" date shown on this certificate reflects a minimum period in which we would expect product to remain in good usable conditions if stored as recommended. Thereafter its continued shelf life may be very much <u>longer</u> and we advise re-test at the indicated date and then every 3-6 months up to a suggested commercial expiry date as shown below. The expiry date is subjective and should be controlled by QC/QA. Typical indicators of re-test failure would be changes in organoleptic properties (clarity / colour / sediment / haze / off odour etc) Such changes may be gradual and slight and the commercial expiry date is intended to reflect a viable maximum proposal subject to earlier re-test approvals
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