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Certificate Of Analysis

Jojoba Oil

TSK-OIL028

Product Name:	Jojoba Oil Golden		
Customer:	Interested Party	Customer Ref:	
Date:	09/04/2025	Batch no:	49464-02

Analytical Test	Specification	Result
Appearance	Clear <u>liquid</u> , golden yellow	Conforms
Odour	Free from rancid and foreign odours	Conforms
Specific Gravity @ 20°C (g/ml)	<u>0.860</u> - 0.873	0.864
Refractive Index @ 40°C	<u>1.450</u> - 1.470	1.460
Acid value (<u>mgKOH/g</u>)	≤ 1.0	0.40
Iodine value (<u>cgI₂/gr</u>)	<u>80.0</u> - 92.0	86.2
Saponification <u>value</u> (<u>mgKOH/g</u>)	<u>85.0</u> - 98.0	94.3
Peroxide value (<u>Meq/kg</u>)	≤ 5.0 (<i>at time of production analysis</i>)	0.6
Unsaponifiable Matter (%)	45.0 – 55.0	50.90
Fatty Acid Profile (%):		
C 16:0 Palmitic Acid	≤ 3.0	0.20
C 16:1 Palmitoleic Acid	≤ 3.0	<0.10
C 18:1 Oleic Acid	<u>5.0</u> - 15.0	6.60
C 20:1 Gadoleic Acid	<u>65.0</u> - 80.0	77.30
C 22:1 Erucic Acid	<u>10.0</u> - 22.0	14.40
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 <u>slight</u> and the commercial expiry date is intended to reflect a viable maximum proposal subject to earlier re-test approvals
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