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## CERTIFICATE OF ANALYSIS

PRODUCT NAME & SKU: Grapeseed Oil TSK-OIL032

Product Name:	Grapeseed Oil		
Customer:	Interested Party	Customer Ref:	
Date:	24/04/2025	Batch no:	49554-01

Analytical Test	Specification	Result
Appearance	Clear liquid, light <u>yellow-green</u>	Conforms
Odour	Characteristic	Conforms
Specific Gravity @ 20°C (g/ml)	0.903 – 0.930	0.925
Refractive Index @ 40°C	1.460 – 1.477	1.474
Acid value ( <u>mgKOH/g</u> )	≤ 1.5	0.40
Free Fatty Acid (% as Oleic)	≤ 0.75	0.20
Iodine value (mg/g)	<u>118.0</u> - 145.0	132.5
Peroxide value ( <u>Meg/kg</u> )	≤ 5.0 ( <i>at time of production analysis</i> )	1.37
Fatty Acid Profile (%):		
C 16:0 <u>Palmitic Acid</u>	<u>5.0</u> - 9.0	6.9
C 18:0 Stearic Acid	<u>2.5</u> - 6.5	3.8
C 18:1 Oleic Acid	<u>12.0</u> - 34.0	23.5
C 18:2 Linoleic Acid	<u>53.0</u> - 78.0	64.7
C 18:3 α Linolenic Acid	≤ 1.5	0.5
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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