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Certificate Of Analysis

Cranberry Seed Oil

TSK-OIL036

Product Name:	Cranberry Seed Oil		
Customer:	Interested Party	Customer Ref:	
Date:	14/04/2025	Batch no:	49493/02

Analytical Test	Specification	Result
Appearance	Liquid, greenish gold to dark green to brown	Conforms
Odour	Characteristic	Conforms
Specific Gravity @ 20°C (g/ml)	<u>0.900</u> - 0.930	0.926
Acid value (<u>mgKOH/g</u>)	≤ 10.0	2.08
Free Fatty Acid (% as Oleic)	≤ 5.0	1.04
Peroxide value (<u>Meg/kg</u>)	≤ 30.0 (<i>at time of production analysis</i>)	5.28
Fatty Acid Profile (%):		
C 16:0 <u>Palmitic Acid</u>	≤ 7.0	5.06
C 18:1 Oleic Acid	<u>15.0</u> - 28.0	19.60
C 18:2 Linoleic Acid	<u>30.0</u> - 40.0	31.15
C 18:3 Linolenic Acid	<u>25.0</u> - 35.0	31.52
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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