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CERTIFICATE OF ANALYSIS

PRODUCT NAME & SKU: Grapeseed Oil OIL032

Product Name:	Grapeseed Oil		
Customer:	Soap Supplier	Customer Ref:	
Date:	16/04/2024	Batch no:	47050-01

Analytical Test	Specification	Result
Appearance	Clear liquid, light yellow-green	Conforms
Odour	Characteristic	Conforms
Specific Gravity @ 20°C (g/ml)	0.903 – 0.930	0.921
Refractive Index @ 40°C	1.460 – 1.477	1.475
Acid value (mgKOH/g)	≤ 1.5	0.12
Free Fatty Acid (% as Oleic)	≤ 0.75	0.06
Iodine value (mg/g)	118.0 - 145.0	129.0
Peroxide value (Meq/kg)	≤ 5.0 (<i>at time of production analysis</i>)	0.58
Fatty Acid Profile (%):		
C 16:0 Palmitic Acid	5.0 - 9.0	6.36
C 18:0 Stearic Acid	2.5 - 6.5	3.52
C 18:1 Oleic Acid	12.0 - 34.0	23.92
C 18:2 Linoleic Acid	53.0 - 78.0	60.34
C 18:3 α Linolenic Acid	≤ 1.5	0.22
Packing Date:		04 / 2024
Recommended re-test date:		10 / 2025
Commercial Expiry date:		04 / 2026