

CERTIFICATE OF ANALYSIS

Product Description	Batch	Re-Test Date	Customer Reference
SWEET ALMOND OIL ORGANIC	9901	12/2024	

PARAMETERS	SPECIFICATION	RESULTS
Colour and Appearance:	Clear pale yellow liquid	Comparable to standard
Odour:	Neutral	Satisfactory
Acid Value mg KOH/g oil:	1.0 Max	0.4
Peroxide Value meq O₂/kg oil:	5.0 Max	0.46
Iodine Value:	80 - 110	97.8
Saponification Value	180 - 200	195.0
Refractive Index @ 20°C:	1.467 - 1.473	1.470
Specific Gravity @ 20°C:	0.912 - 0.923	0.919
FATTY ACID PROFILE:	(Chromatogram)	%
Palmitic C16	3.0 - 9.0	6.6
Palmitoleic acid C16:1	max 2.0	0.5
Stearic C18	max 3.0	1.5
Oleic C18:1	60.0 - 80.0	67.2
Linoleic C18:2	15.0 - 32.0	22.6
Alpha Linolenic Acid C18:3	max 0.4	0.1
Arachidic Acid C20:0	max 0.2	0.1
Eicosenoic Acid C20:1	max 0.3	0.1
Behenic Acid C22:0	max 0.2	0.1

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