

CERTIFICATE OF ANALYSIS

Product Description	Batch	Re-Test Date	Customer Reference
SAFFLOWER OIL ORGANIC	9489	12/2024	

PARAMETERS	SPECIFICATION	RESULTS
Colour and Appearance:	Yellow/light yellow coloured liquid	Comparable to standard
Odour:	Characteristic odour	Satisfactory
Acid Value mg KOH/g oil:	< 3.0	0.02
Peroxide Value meq O₂/kg oil:	< 5.0	0.6
Refractive Index @ 20°C:	1.465 - 1.475	1.471
Specific Gravity @ 20°C:	0.905 - 0.925	0.917
Iodine Value:	90 - 150	92.74
Saponification Value:	185 - 200	198
FATTY ACID PROFILE:	%	%
C16 Palmitic	3.0 - 8.0	5.95
C18 Stearic	1.0 - 4.0	2.46
C18:1 Oleic	8.0 - 22.0	9.45
C18:2 Linoleic	67.0 - 85.0	81.13
C18:3 Linolenic	< 2.0	0.10

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