

## CERTIFICATE OF ANALYSIS

Product Description	Batch	Re-Test Date	Customer Reference
SUNFLOWER OIL ORGANIC	10256	12/2024	

PARAMETERS	SPECIFICATION	RESULTS
<b>Colour and Appearance:</b>	Light yellow to golden liquid.	Comparable to standard
<b>Odour:</b>	Bland odour	Satisfactory
<b>Acid Value mg KOH/g oil:</b>	< 4.0	2.80
<b>Peroxide Value meq 02/kg oil:</b>	< 20.0	1.38
<b>Refractive Index @ 20°C:</b>	1.460 - 1.476	1.473
<b>Specific Gravity @ 20°C:</b>	0.910 - 0.930	0.919
<b>Iodine Value:</b>	112 - 145	Complies
<b>Saponification Value:</b>	185 - 199	Complies
<b>FATTY ACID PROFILE:</b>	(Chromatogram)	%
<b>C16 Palmitic</b>	3.3 - 10.0	6.32
<b>C18 Stearic</b>	2.9 - 7.0	3.58
<b>C18:1Oleic</b>	23.4 - 38.0	33.11
<b>C18:2 Linoleic</b>	50.6 - 65.3	55.11
<b>C18:3 Linolenic</b>	1.0 maximum	0.28
<b>C20:0 Arachidic</b>	0.5 maximum	0.26
<b>C22:0 Behenic</b>	1.0 maximum	0.63

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