

CERTIFICATE OF ANALYSIS

Product Description	Batch	Re-Test Date	Customer Reference
SAFFLOWER OIL ORGANIC	10171	12/2025	

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	0.48
Peroxide Value meq O₂/kg oil:	< 5.0	0.70
Refractive Index @ 20°C:	1.465 - 1.475	1.475
Specific Gravity @ 20°C:	0.905 - 0.925	0.922
Iodine Value:	90 - 150	142.5
Saponification Value:	185 - 200	191
FATTY ACID PROFILE:	%	%
Palmitic Acid (C16)	3.0 - 8.0	6.16
Stearic Acid (C18)	1.0 - 4.0	2.90
Oleic Acid (C18:1)	8.0 - 22.0	9.20
Linoleic Acid (C18:2)	67.0 - 85.0	80.44
Linolenic Acid (C18:3)	< 2.0	0.80

DISCLAIMER

Soapmakers Store shall not be held liable for any damage resulting from handling, application or processing of our ingredients, since the conditions of use are out of our control. Information provided by Soapmakers Store, including the composition or use of our ingredients, are provided in good faith, based on current technical and scientific knowledge, but without any warranty as to their accuracy or completeness.

Soapmakers Store hereby disclaim any warranty of suitability of our ingredients, alone or in combination with other products, nor to the information and suggestions that we are providing in respect to the intellectual property rights of third parties. Any person relying on the information and suggestions that we are providing shall do so at their own risk and we will accept no liability whatsoever with respect to them.

Any user of our ingredients shall themselves determine the suitability of our ingredients for their own intended use and as may be the case, obtain the required regulatory approvals for the commercialization of their finished products.

Any person using our ingredients in the formulation of their own finished products are solely responsible for ensuring that the use of our ingredients, the finished products, the packaging, labelling and any claims they make with respect to their finished products and the ingredients they contain, comply with their country/state/regional applicable laws and regulations.