

# CERTIFICATE OF ANALYSIS

Product Description	Batch	Best Before End	Customer Reference
HEMP SEED OIL ORGANIC	9198	12/2022	

PARAMETERS	SPECIFICATION	RESULTS
<b>Colour and Appearance:</b>	Dark green to emerald green liquid	Comparable to standard
<b>Odour:</b>	Characteristic earthy odour	Satisfactory
<b>Acid Value mg KOH/g oil:</b>	Max 2.0	1.921
<b>Peroxide Value meq O<sub>2</sub>/kg oil:</b>	Max 5.0	3.600
<b>Refractive Index @ 20°C:</b>	1.450 - 1.490	1.481
<b>Relative Density @ 20°C:</b>	0.920 - 0.940	0.924
<b>FATTY ACID PROFILE:</b>		%
<b>Palmitic C16</b>	Max 8.0	6.30
<b>Stearic Acid : C18:0</b>	Max 5.0	2.20
<b>Oleic C18:1</b>	5.0 - 15.0	9.10
<b>Linoleic Acid : C18:2</b>	55.0 - 80.0	54.40
<b>Alpha Linolenic Acid : C18:3</b>	10.0 - 20.0	19.50
<b>Gamma Linolenic Acid : C18:3</b>	Max 3.0	2.95

The information contained herein is true and accurate to the best of our knowledge and belief, but does not claim to be all inclusive. Users should conduct their own tests to determine the suitability of the product for their own specific use. Since the conditions of use are out of our control, Soapmakers shall not be held liable for any damage resulting from handling, application or processing of this material.

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## DECLARATION

The original plant material has not in any way been genetically modified or derived from G.M.O's or produced using G.M. O's or their derivatives, and all reasonable steps have been take to avoid contamination from G.M.O's or their derivatives.

TSE/BSE RISK: This raw material is of pure plant origin. During production, storage and transport there is no contact with any animal material and cross contamination is excluded.

This product has not been tested on animals.