

# CERTIFICATE OF ANALYSIS

Product Description	Batch	Re-Test Date	Customer Reference
MUSTARD SEED OIL EXPRESSED	9725	10/2025	

PARAMETERS	SPECIFICATION	RESULTS
<b>Colour and Appearance:</b>	Pale yellow to golden yellow liquid	Comparable to standard
<b>Odour:</b>	Characteristic mustard odour	Comparable to standard
<b>Peroxide Value meq 02/kg oil:</b>	<20.0	1.8
<b>Acid Value:</b>	<4.0	1.1
<b>Iodine Value:</b>	95.0 - 115.0	101.0
<b>Saponification Value</b>	170 - 190	181.0
<b>Refractive Index @ 20°C:</b>	1.470 –1.474	1.470
<b>Relative Density@ 20°C:</b>	0.912 - 0.928	0.923
<b>FATTY ACID PROFILE:</b>	%	
<b>Myristic (C14)</b>	< 1.0	0.06
<b>Palmitic Acid (C16)</b>	< 4.5	2.5
<b>Palmitoleic Acid (C16:1)</b>	< 0.5	0.25
<b>Stearic Acid (C18)</b>	< 2.0	1.27
<b>Oleic Acid (C18:1)</b>	< 32.0	20.0
<b>Linoleic Acid (C18:2)</b>	< 24.0	17.4
<b>Linolenic Acid (C18:3)</b>	< 18.0	12.0
<b>Arachidic Acid (C20)</b>	< 1.5	0.7
<b>Eicosenoic Acid (C20:1)</b>	5.0 - 13.0	9.4
<b>Eicosanedienoic Acid (C20:2)</b>	< 1.0	0.6
<b>Behenic Acid (C22)</b>	< 2.5	0.94
<b>Erucic Acid (C22:1)</b>	22.0 - 50.0	35.1
<b>Lignoceric (C24)</b>	< 0.5	0.07

## DECLARATION

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, Bay House Ingredients shall not be held liable for any damage resulting from handling, application or processing of this material. This product has not been tested on animals.

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. This product has not been tested on animals.

Bay House Ingredients is a Division of Aroma Trading Ltd, Registered No. 02698381, V.A.T. Registration No. 600 516 981