

# CERTIFICATE OF ANALYSIS

Product Description	Batch	Re-Test Date	Customer Reference
BORAGE SEED OIL	8429	12/2024	

PARAMETERS	SPECIFICATION	RESULTS
<b>Colour and Appearance:</b>	Yellow/green to golden mobile liquid	Comparable to standard
<b>Odour:</b>	Bland odour	Satisfactory
<b>Acid Value mg KOH/g oil:</b>	<4.0	1.42
<b>Peroxide Value meq O<sub>2</sub>/kg oil:</b>	<5.0	1.6
<b>Iodine Value:</b>	140 - 155	147.9
<b>Saponification Value</b>	185 - 195	186
<b>Refractive Index @ 20°C:</b>	1.470 - 1.480	1.4750
<b>Specific Gravity @ 20°C:</b>	0.910 - 0.925	0.9189
<b>FATTY ACID PROFILE:</b>		
<b>Palmitic C16</b>	9 - 13%	9.1%
<b>Stearic C18</b>	3 - 5%	4.8%
<b>Oleic C18:1</b>	10 - 20%	18.0%
<b>Linoleic C18:2</b>	34 - 42%	37.2%
<b>Gamma Linolenic C18:3</b>	18 - 28%	20.0%

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