

## CERTIFICATE OF ANALYSIS

Product Description	Batch	Re-Test Date	Customer Reference
CAROTENE INFUSED OIL	10345	12/2025	

PARAMETERS	SPECIFICATION	RESULTS
<b>Colour and Appearance:</b>	Orange to red/orange liquid	Comparable to standard
<b>Odour:</b>	Characteristic earthy odour	Satisfactory
<b>Peroxide Value meq 02/kg oil:</b>	Max 20.0	0.84
<b>Refractive Index @ 20°C:</b>	1.460 - 1.485	1.4731
<b>Specific Gravity @ 20°C:</b>	0.905 - 0.930	0.9181
<b>FATTY ACID PROFILE:</b>		%
<b>Palmitic C16</b>	4.0 - 9.0	6.6
<b>Stearic C18</b>	Max 7.0	2.7
<b>Oleic C18:1</b>	14.0 - 42.0	36.4
<b>Linoleic C18:2</b>	48.0 - 75.0	55.8
<b>Linolenic C18:3</b>	Max 0.5	0.08

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