

## CERTIFICATE OF ANALYSIS

Product	Hemp Seed Carrier Oil
INCI Name	<i>Cannabis Sativa</i>
CAS No.	8016-24-8
Batch No.	ESC12771C
Manufacture Date	September 2023
Retest Date	September 2025
Part of Plant Used	Seeds
Extraction Method	Cold Pressed
Seeds Country of Origin	Canada

Description		Result
Appearance		Dark Green
Taste		Nutty Flavour
Odour		Characteristic
Density @ 23 °C		0.9233
Peroxide Value (meq/kg)		4.0
Standard Plate Count cfu/g		< 100
Total Coliform cfu/g		, 10
E.Coli cfu/g		Negative
Fatty Acid Profile		
Fatty Acid	Specification	Last Analysis
Lauric Acid % (ND)	Saturated Fatty Acid	-
Myristic Acid % (NS - 0.3)	Saturated Fatty Acid	-
Palmitic Acid % (5.5 - 11)	Saturated Fatty Acid	5.6
Palmitoleic Acid % (ND - 1.2)	Mono-unsaturated	0.1
Stearic Acid % (3.0 - 6.5)	Saturated Fatty Acid	2.6
Oleic Acid % (12.0 - 28.0)	Mono-unsaturated	11.5
Linoleic Acid % (58 - 78)	Poly-unsaturated	56.6

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<b>Fatty Acid Profile</b>		
<b>Fatty Acid</b>	<b>Specification</b>	<b>Last Analysis</b>
Linolenic Acid % (ND - 1.0)	Poly-unsaturated	18.5
Linolenic Acid % (ND - 1.0)	Poly-unsaturated	2.6
Arachidic Acid % (ND - 1)	Saturated Fatty Acid	0.9
Behenic Acid % (ND - 0.5)	Saturated Fatty Acid	0.3
Lignoceric Acid % (ND - 0.4)	Saturated Fatty Acid	0.1
Total Saturated Acid %		15.4
Total Mono-saturated Fatty Acid %		12.4
Total Poly-unsaturated Fatty Acid %		72.3
Total Trans Fatty Acid %		< 0.10