

**Product: Camelina Seed Oil, Refined**

**INCI name:** Camelina Sativa Seed Oil

**CAS number:** N/A

**Einecs number:** N/A

Analytical Details	Range	Result
Appearance	Pale yellow to yellow oil	Complies
Colour (Lovibond 5.25" cell)	≤25y, 2.5r	5y, 0.5r
Free Fatty acid (% as oleic)	≤0.2	0.085
Iodine Value (Calc)	145 – 165	147.92
Peroxide value (Meq / kg)	≤10.0	1.0
Acid Value	≤0.4	0.17

Fatty acid profile (Major Acids)	Acid Name	C-Chain	Range	Result
	Palmitic	C16:0	3.0 – 8.0	5.76
	Palmitoleic	C16:1	≤0.5	≤0.5
	Stearic	C18:0	2.0 – 6.0	2.54
	Oleic	C18:1	11.0 – 25.0	15.91
	Linoleic	C18:2	15.0 – 24.0	17.99
	Alpha Linolenic	C18:3	30.0 – 40.0	34.34
	Icosanoic	C20:0	0 – 2	1.1
	Icosenoic	C20:1	9.0 – 17.0	14.77
	Docosenoic	C22:1	0 – 4	2.24

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