

Eurofins Nutrition Analysis Center

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**ANALYTICAL REPORT**

AR-24-QD-014397-01

**Client Code:** QD0005520  
**PO#:** ZWM2US220044-04

**Received On:** 10Jan2024  
**Reported On:** 15Jan2024

**Eurofins Sample Code:** 464-2024-01102361  
**Client Sample Code:** IESBO-1  
**Sample Description:** Vegetable oil

**Sample Registration Date:** 10Jan2024  
**Condition Upon Receipt:** acceptable, non-perishable  
**Sample Reference:**

<b>QD089 - Fatty Acids-Omega 6 &amp; 3 %W/W</b>	<b>Reference</b>	<b>Accreditation</b>	<b>Completed</b>
	AOCS Ce 2-66 mod., AOCS Ce 1b-89 mod.	ISO/IEC 17025:2017 A2LA 2927.01	12Jan2024

<b>Parameter</b>	<b>Result</b>
Fatty Acid Profile, % Weight	Reported as Fatty Acids
C08:0 Octanoic (Caprylic)	<0.02 %
C10:0 Decanoic (Capric)	<0.02 %
Total Saturated Fatty Acids	14.91 %
C11:0 Undecanoic (Hendecanoic)	<0.02 %
C12:0 Dodecanoic (Lauric)	<0.02 %
C14:0 Tetradecanoic (Myristic)	0.07 %
C14:1 Tetradecenoic (Myristoleic)	<0.02 %
C15:0 Pentadecanoic	<0.02 %
C15:1 Pentadecenoic	<0.02 %
C16:0 Hexadecanoic (Palmitic)	10.03 %
C16:1 Hexadecenoic (Palmitoleic)	0.14 %
C16:2 Hexadecadienoic	<0.02 %
C16:3 Hexadecatrienoic	<0.02 %
C16:4 Hexadecatetraenoic	0.04 %
C17:0 Heptadecanoic (Margaric)	0.09 %
C17:1 Heptadecenoic (Margaroleic)	0.05 %
C18:0 Octadecanoic (Stearic)	3.96 %
C18:1 Octadecenoic (Oleic + isomers)	21.10 %
C18:2 Octadecadienoic (Linoleic + isomers)	51.60 %
C18:2 Octadecadienoic Omega 6 (Linoleic)	51.26 %
C18:3 Octadecatrienoic (Linolenic + isomers)	6.37 %
C18:3 Octadecatrienoic Omega 3 (Alpha Linolenic)	6.37 %
C18:3 Octadecatrienoic Omega 6 (Gamma Linolenic)	<0.02 %

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Parameter	Result
C18:4 Octadecatetraenoic Omega 3 (Stearidonic)	0.02 %
C20:0 Eicosanoic (Arachidic)	0.30 %
C20:1 Eicosenoic (Gondoic + isomers)	0.27 %
C20:2 Eicosadienoic Omega 6	0.04 %
C20:3 Eicosatrienoic	<0.02 %
C20:3 Eicosatrienoic Omega 3	<0.02 %
C20:3 Eicosatrienoic Omega 6	<0.02 %
C20:4 Eicosatetraenoic (Arachidonic + isomers)	<0.02 %
C20:4 Eicosatetraenoic Omega 3	<0.02 %
C20:4 Eicosatetraenoic Omega 6 (Arachidonic)	<0.02 %
C20:5 Eicosapentaenoic Omega 3	<0.02 %
C21:5 Heneicosapentaenoic Omega 3	<0.02 %
C22:0 Docosanoic (Behenic)	0.32 %
C22:1 Docosenoic (Erucic + isomers)	0.02 %
C22:2 Docosadienoic Omega 6	<0.02 %
C22:3 Docosatrienoic, Omega 3	<0.02 %
C22:4 Docosatetraenoic Omega 6	<0.02 %
C22:5 Docosapentaenoic	<0.02 %
C22:5 Docosapentaenoic Omega 3	<0.02 %
C22:5 Docosapentaenoic Omega 6	<0.02 %
C22:6 Docosahexaenoic Omega 3	<0.02 %
C24:0 Tetracosanoic (Lignoceric)	0.12 %
C24:1 Tetracosenoic (Nervonic)	<0.02 %
Sum of Omega 3 Isomers	6.40 %
Sum of Omega 6 Isomers	51.32 %
Total Fatty Acids Calc.	94.59 %
Total Fat as Triglycerides	98.90 %
Total Monounsaturated Fatty Acids	21.58 %
Total Polyunsaturated Fatty Acids	58.10 %

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Respectfully Submitted,



A handwritten signature in black ink that reads 'Loreen Jones'.

Loreen Jones  
Support Services Coordinator

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