

Eurofins Nutrition Analysis Center

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ANALYTICAL REPORT

AR-24-QD-014398-01

Client Code: QD0005520
PO#: ZWM2US220044-04

Received On: 10Jan2024
Reported On: 15Jan2024

Eurofins Sample Code:	464-2024-01102362	Sample Registration Date:	10Jan2024
Client Sample Code:	IESBO-2	Condition Upon Receipt:	acceptable, non-perishable
Sample Description:	Vegetable oil	Sample Reference:	

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

Parameter	Result
Fatty Acid Profile, % Weight	Reported as Fatty Acids
C08:0 Octanoic (Caprylic)	<0.02 %
C10:0 Decanoic (Capric)	<0.02 %
Total Saturated Fatty Acids	14.90 %
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)	21.08 %
C18:2 Octadecadienoic (Linoleic + isomers)	51.58 %
C18:2 Octadecadienoic Omega 6 (Linoleic)	51.24 %
C18:3 Octadecatrienoic (Linolenic + isomers)	6.35 %
C18:3 Octadecatrienoic Omega 3 (Alpha Linolenic)	6.35 %
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)	0.31 %
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	6.37 %
Sum of Omega 6 Isomers	51.29 %
Total Fatty Acids Calc.	94.49 %
Total Fat as Triglycerides	98.79 %
Total Monounsaturated Fatty Acids	21.55 %
Total Polyunsaturated Fatty Acids	58.04 %

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Respectfully Submitted,




Loreen Jones
Support Services Coordinator

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