

Eurofins Nutrition Analysis Center

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Backyard Bougie, Inc.

Mike Clack
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Placerville, CA 95667

Client Code: QD0012140
PO#: v1.0

ANALYTICAL REPORT

AR-26-QD-261736-02
Report Supersedes AR-26-QD-261736-01

Received On: 01Sep2026
Reported On: 11Sep2026
Order Code: 006-10547-2636503

Eurofins Sample Code:	464-2026-09011159	Sample Registration Date:	01Sep2026
Client Sample Code:	OMEGA 3	Condition Upon Receipt:	atypical, 23.5°C
Sample Description:	OMEGA 3 Test	Sample Reference:	

Received Condition (Explain): Sample received outside of expected temperature. Client approved testing to be performed.

QD05C - Fatty Acids-Full Omega 9,6&3 & Trans %W/W	Reference AOAC 996.06 mod.	Accreditation ISO/IEC 17025:2017 A2LA 2927.01	Completed 10Sep2026
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Parameter	Result	Per Serving	Theoretical
Fatty Acid Profile	Reported as Fatty Acids	Reported as Fatty Acids	
C4:0 (Butyric Acid)	<0.20 mg/g	<10.00 mg/Serving	
C6:0 (Caproic acid)	<0.20 mg/g	<10.00 mg/Serving	
C8:0 (Caprylic acid)	<0.20 mg/g	<10.00 mg/Serving	
C10:0 (Capric acid)	<0.20 mg/g	<10.00 mg/Serving	
C11:0 (Undecanoic acid)	<0.20 mg/g	<10.00 mg/Serving	
C12:0 (Lauric Acid)	<0.20 mg/g	<10.00 mg/Serving	
C14:0 (Myristic acid)	0.38 mg/g	19.23 mg/Serving	
C14:1 (Myristoleic acid)	<0.20 mg/g	<10.00 mg/Serving	
C15:0 (Pentadecanoic acid)	<0.20 mg/g	<10.00 mg/Serving	
C15:1 (Pentadecenoic acid)	<0.20 mg/g	<10.00 mg/Serving	
C16:0 (Palmitic Acid)	22.79 mg/g	1,139.48 mg/Serving	
C16:1 Omega 7	2.30 mg/g	114.92 mg/Serving	
C16:1 Total (Palmitoleic Acid + isomers)	3.14 mg/g	157.03 mg/Serving	
C16:2 (Hexadecadienoic Acid)	<0.20 mg/g	<10.00 mg/Serving	
C16:3 (Hexadecatrienoic Acid)	<0.20 mg/g	<10.00 mg/Serving	
C 16:4 (Hexadecatetraenoic Acid)	<0.20 mg/g	<10.00 mg/Serving	
C17:0 (Margaric Acid)	0.23 mg/g	11.31 mg/Serving	
C17:1 (Heptadecenoic Acid)	<0.20 mg/g	<10.00 mg/Serving	
C18:0 (Stearic Acid)	8.74 mg/g	437.15 mg/Serving	
C18:1 (Vaccenic acid)	1.56 mg/g	78.13 mg/Serving	
C18:1 Omega 9 (Oleic Acid)	36.78 mg/g	1,838.76 mg/Serving	
C18:1, Total (Oleic Acid + isomers)	38.99 mg/g	1,949.25 mg/Serving	

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Parameter	Result	Per Serving	Theoretical
C18:2 Omega 6 (Linoleic Acid)	14.81 mg/g	740.57 mg/Serving	
C18:2, Total (Linoleic Acid + isomers)	15.09 mg/g	754.64 mg/Serving	
C18:3 Omega 3 (Alpha Linolenic Acid)	3.62 mg/g	180.92 mg/Serving	
C18:3 Omega 6 (Gamma Linolenic Acid)	<0.20 mg/g	<10.00 mg/Serving	
C18:3, Total (Linolenic Acid + isomers)	3.69 mg/g	184.43 mg/Serving	
C18:4 Omega 3 (Octadecatetraenoic Acid)	<0.20 mg/g	<10.00 mg/Serving	
C18:4 Total (Octadecatetraenoic Acid)	<0.20 mg/g	<10.00 mg/Serving	
C20:0 (Arachidic Acid)	<0.20 mg/g	<10.00 mg/Serving	
C20:1 Omega 9 (Gondoic Acid)	<0.20 mg/g	<10.00 mg/Serving	
C20:1 Total (Gondoic Acid + isomers)	0.23 mg/g	11.53 mg/Serving	
C20:2 Omega 6	0.26 mg/g	12.97 mg/Serving	
C20:2 Total (Eicosadienoic Acid)	0.26 mg/g	12.97 mg/Serving	
C20:3 Omega 3	<0.20 mg/g	<10.00 mg/Serving	
C20:3 Omega 6	<0.20 mg/g	<10.00 mg/Serving	
C20:3, Total (Eicosatrienoic Acid)	0.22 mg/g	11.19 mg/Serving	
C20:4 Omega 3	<0.20 mg/g	<10.00 mg/Serving	
C20:4 Omega 6 (Arachidonic Acid)	1.28 mg/g	64.19 mg/Serving	
C20:4, Total (Eicosatetraenoic Acid)	1.28 mg/g	64.19 mg/Serving	
C20:5 Omega 3 (Eicosapentaenoic Acid)	<0.20 mg/g	<10.00 mg/Serving	
C21:5 Omega 3 (Heneicosapentaenoic Acid)	<0.20 mg/g	<10.00 mg/Serving	
C22:0 (Behenic Acid)	<0.20 mg/g	<10.00 mg/Serving	
C22:1 Omega 9 (Erucic Acid)	<0.20 mg/g	<10.00 mg/Serving	
C22:1 Total (Erucic Acid + isomers)	<0.20 mg/g	<10.00 mg/Serving	
C22:2 Docosadienoic Omega 6	<0.20 mg/g	<10.00 mg/Serving	
C22:3 Docosatrienoic, Omega 3	<0.20 mg/g	<10.00 mg/Serving	
C22:4 Docosatetraenoic Omega 6	0.21 mg/g	10.48 mg/Serving	
C22:5 Docosapentaenoic Omega 3	0.39 mg/g	19.74 mg/Serving	
C22:5 Docosapentaenoic Omega 6	<0.20 mg/g	<10.00 mg/Serving	
C22:5 Total (Docosapentaenoic Acid)	0.44 mg/g	21.93 mg/Serving	
C22:6 Docosahexaenoic Omega 3	2.18 mg/g	108.79 mg/Serving	
C24:0 (Lignoceric Acid)	<0.20 mg/g	<10.00 mg/Serving	
C24:1 Omega 9 (Nervonic Acid)	<0.20 mg/g	<10.00 mg/Serving	

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Parameter	Result	Per Serving	Theoretical
C24:1 Total (Nervonic Acid + isomers)	0.25 mg/g	12.64 mg/Serving	
Total Omega 3 Isomers	6.36 mg/g	317.84 mg/Serving	
Total Omega 5 Isomers	<0.50 mg/g	<25.00 mg/Serving	
Total Omega 6 Isomers	16.84 mg/g	841.88 mg/Serving	
Total Omega 7 Isomers	3.86 mg/g	193.05 mg/Serving	
Total Omega 9 Isomers	37.17 mg/g	1,858.31 mg/Serving	
Total Monounsaturated Fatty Acids	42.18 mg/g	2,108.88 mg/Serving	
Total Polyunsaturated Fatty Acids	23.40 mg/g	1,170.21 mg/Serving	
Total Saturated Fatty Acids	32.53 mg/g	1,626.36 mg/Serving	
Total Trans Fatty Acids	0.70 mg/g	34.82 mg/Serving	
Total Fat as Triglycerides	103.35 mg/g	5,167.31 mg/Serving	
Total Fatty Acids	98.81 mg/g	4,940.27 mg/Serving	

QD275 - Serving Size (Customer Supplied)	Reference No Reference		Completed 10Sep2026
Parameter	Result	Per Serving	Theoretical
Unit weight	50.0000 g	50.0000 g	
Units per serving	1	1	1
Serving Size	50.00 g	50.00 g	50 g/Serving

Received Condition: Sample received outside of expected temperature. Client approved testing to be performed.
Comments:
Updated results to display per 50g serving and updated QD05C: fatty acid profile to mg, per client request.

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Respectfully submitted,



Misty Johnson
Supervisor Night/Weekend

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