

Certificate of Analysis

Sample Name:	Softgel - Ahiflower 500mg	Eurofins Sample:	10332419
Project ID	BRASS_CB-20210223-0005	Receipt Date	01-Mar-2021
PO Number	1112	Receipt Condition	Ambient temperature
Lot Number	58794	Login Date	23-Feb-2021
Sample Serving Size	2 Softgel	Date Started	03-Mar-2021
		Sampled	Sample results apply as received
		Number Composited	20
		Online Order	17248-14F80D38

Analysis	Result
Calculated Sample Weight *	
Entity Weight	0.7889 g
Entity Weight	0.7912 g
Entity Fill Weight	0.4896 g
Fatty Acids as Area Percent	
4:0 Butyric	None Detected g/Serving Size
6:0 Caproic	None Detected g/Serving Size
8:0 Caprylic	None Detected g/Serving Size
10:0 Capric	None Detected g/Serving Size
12:0 Lauric	0.00006 g/Serving Size
14:0 Myristic	0.00032 g/Serving Size
14:1 Myristoleic	None Detected g/Serving Size
15:0 Pentadecanoic	None Detected g/Serving Size
15:1 Pentadecenoic	None Detected g/Serving Size
16:0 Palmitic	0.0508 g/Serving Size
16:1 Palmitoleic	0.00087 g/Serving Size
17:0 Heptadecanoic	0.00038 g/Serving Size
17:1 Heptadecenoic	None Detected g/Serving Size
18:0 Stearic	0.0167 g/Serving Size
18:1 Oleic	0.0939 g/Serving Size
18:2 Linoleic	0.118 g/Serving Size
18:1T Elaidate	0.00029 g/Serving Size
18:2T Linolaidate	None Detected g/Serving Size
18:3 Gamma Linolenic	0.0534 g/Serving Size
18:3 Linolenic	0.425 g/Serving Size
18:4 Octadecatetraenoic	0.190 g/Serving Size
20:0 Arachidic	0.00053 g/Serving Size
20:1 Eicosenoic	0.0101 g/Serving Size
20:2 Eicosadienoic	0.00115 g/Serving Size
20:3 Eicosatrienoic (n3)	0.00076 g/Serving Size
20:3 Homogamma Linolenic (n6)	None Detected g/Serving Size
20:3 Homogamma Linolenic (n6)	None Detected %

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Analysis

Result

Fatty Acids as Area Percent

20:4 Arachidonic (n3)	None Detected g/Serving Size
20:4 Arachidonic (n6)	None Detected g/Serving Size
20:4 Arachidonic (n6)	None Detected %
20:5 Eicosapentaenoic	None Detected g/Serving Size
21:5 Heneicosapentaenoic	None Detected g/Serving Size
21:5 Heneicosapentaenoic	None Detected %
22:0 Behenic	0.00030 g/Serving Size
22:1 Erucic	0.00202 g/Serving Size
22:2 Docosadienoic	None Detected %
22:2 Docosadienoic	None Detected g/Serving Size
22:3 Docosatrienoic	None Detected %
22:3 Docosatrienoic	None Detected g/Serving Size
22:4 Docosatetraenoic	None Detected g/Serving Size
22:4 Docosatetraenoic	None Detected %
22:5 Docosapentaenoic (n3)	None Detected g/Serving Size
22:5 Docosapentaenoic (n6)	None Detected g/Serving Size
22:5 Docosapentaenoic (n6)	None Detected %
22:6 Docosahexaenoic	None Detected g/Serving Size
24:0 Lignoceric	0.00021 g/Serving Size
24:1 Nervonic	0.150 %
24:1 Nervonic	0.00150 g/Serving Size
Total 18:1 trans	0.029 %
Total 18:1 trans	0.00029 g/Serving Size
Total 18:1 cis	0.102 g/Serving Size
Total 18:1 cis	10.2 %
Total 18:2 trans	0.00102 g/Serving Size
Total 18:2 trans	0.102 %
Total 18:3 trans	0.00298 g/Serving Size
Total 18:3 trans	0.298 %
Omega 3	0.616 g/Serving Size
Omega 6	0.172 g/Serving Size

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Analysis

Result

Peroxide Value

Peroxide Value

2.0 mEq/kg of fat

Method References

Testing Location

Calculated Sample Weight (PREP)

Food Integrity Innovation-Madison

3301 Kinsman Blvd Madison, WI 53704 USA

Fatty Acids as Area Percent (AREAFALT_S)

Food Integrity Innovation-Madison

3301 Kinsman Blvd Madison, WI 53704 USA

Official Methods of Analysis of AOAC INTERNATIONAL (2005) 18th Ed., AOAC INTERNATIONAL, Gaithersburg, MD, USA, Official Method 996.06. (Modified)

Official Methods and Recommended Practices of the AOCS Ce 2-66 (2009), Ce 1h-05 (2009), and Ce1j-07 (2011).

Peroxide Value (PVFF_S)

Food Integrity Innovation-Madison

3301 Kinsman Blvd Madison, WI 53704 USA

Official Methods of Analysis, Method 965.33. AOAC INTERNATIONAL, (modified).
United States Pharmacopeia, 36th Rev, "Peroxide Value", <401> Fats & Fixed Oils, USP
Convention, Rockville, MD, p.173, (2013) (modified).

United States Pharmacopeia, 37th Rev., "Preparation and Standardization:, Volumetric Solutions, USP Convention, Rockville, MD, p. 1460-1461, (2014), (modified).

Lipid extraction: Official Methods of Analysis, Official Method 983.23. AOAC INTERNATIONAL, (modified).

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Testing Location(s)

Released on Behalf of Eurofins by

Food Integrity Innovation-Madison

**Edward Ladwig - President Eurofins Food
Chemistry Testing Madison**

Eurofins Food Chemistry Testing Madison, Inc.
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Madison WI 53704
800-675-8375



2918.01

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