

Certificate of Analysis

| | | | |
|----------------------------|--|--------------------------|----------------------------------|
| Sample Name: | Softgel - 450mg Ahiflower - 50mg Elderberry | Eurofins Sample: | 10373692 |
| Project ID | BRASS_CB-20210308-0006 | Receipt Date | 08-Mar-2021 |
| PO Number | 1112 | Receipt Condition | Ambient temperature |
| Lot Number | 58795 | Login Date | 08-Mar-2021 |
| Sample Serving Size | 2 Softgel | Date Started | 10-Mar-2021 |
| | | Sampled | Sample results apply as received |
| | | Number Composited | 20 |
| | | Online Order | 17248-150117A5 |

| Analysis | Result |
|------------------------------------|------------------------------|
| Calculated Sample Weight * | |
| Entity Weight | 0.7997 g |
| Entity Fill Weight | 0.4577 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 | 0.00008 g/Serving Size |
| 14:0 Myristic | 0.00033 g/Serving Size |
| 14:1 Myristoleic | None Detected g/Serving Size |
| 15:0 Pentadecanoic | 0.00006 g/Serving Size |
| 15:1 Pentadecenoic | None Detected g/Serving Size |
| 16:0 Palmitic | 0.0476 g/Serving Size |
| 16:1 Palmitoleic | 0.00087 g/Serving Size |
| 17:0 Heptadecanoic | 0.00037 g/Serving Size |
| 17:1 Heptadecenoic | None Detected g/Serving Size |
| 18:0 Stearic | 0.0158 g/Serving Size |
| 18:1 Oleic | 0.0887 g/Serving Size |
| 18:2 Linoleic | 0.113 g/Serving Size |
| 18:1T Elaidate | 0.00016 g/Serving Size |
| 18:2T Linolaidate | None Detected g/Serving Size |
| 18:3 Gamma Linolenic | 0.0495 g/Serving Size |
| 18:3 Linolenic | 0.393 g/Serving Size |
| 18:4 Octadecatetraenoic | 0.176 g/Serving Size |
| 20:0 Arachidic | 0.00053 g/Serving Size |
| 20:1 Eicosenoic | 0.00914 g/Serving Size |
| 20:2 Eicosadienoic | 0.00081 g/Serving Size |
| 20:3 Eicosatrienoic (n3) | 0.00071 g/Serving Size |
| 20:3 Homogamma Linolenic (n6) | None Detected g/Serving Size |
| 20:3 Homogamma Linolenic (n6) | None Detected % |

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Page 1 of 4

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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 | 0.00007 g/Serving Size |
| 21:5 Heneicosapentaenoic | None Detected g/Serving Size |
| 21:5 Heneicosapentaenoic | None Detected % |
| 22:0 Behenic | 0.00035 g/Serving Size |
| 22:1 Erucic | 0.00176 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 % |
| 22:4 Docosatetraenoic | None Detected g/Serving Size |
| 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 | 0.00026 g/Serving Size |
| 24:1 Nervonic | 0.154 % |
| 24:1 Nervonic | 0.00154 g/Serving Size |
| Total 18:1 trans | 0.00017 g/Serving Size |
| Total 18:1 trans | 0.017 % |
| Total 18:1 cis | 0.103 g/Serving Size |
| Total 18:1 cis | 10.3 % |
| Total 18:2 trans | 0.119 % |
| Total 18:2 trans | 0.00119 g/Serving Size |
| Total 18:3 trans | 0.00412 g/Serving Size |
| Total 18:3 trans | 0.412 % |
| Omega 3 | 0.569 g/Serving Size |

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Page 2 of 4

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| Analysis | Result |
|------------------------------------|----------------------|
| Fatty Acids as Area Percent | |
| Omega 6 | 0.163 g/Serving Size |
| Peroxide Value | |
| Peroxide Value | 1.8 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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Page 3 of 4

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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.
3301 Kinsman Blvd
Madison WI 53704
800-675-8375



2918.01

These results apply only to the items tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of Eurofins.

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Page 4 of 4