

Certificate of Analysis

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|----------------------------|-----------------------|--------------------------|----------------------------------|
| Sample Name: | New Sample | Eurofins Sample: | 14573390 |
| Project ID | SRK_NUT-20241004-0001 | Receipt Date | 10-Oct-2024 |
| PO Number | NA | Receipt Condition | Ambient temperature |
| Lot Number | 0224096 | Login Date | 04-Oct-2024 |
| Sample Serving Size | 12 mg | Date Started | 18-Oct-2024 |
| Description | Methylene Blue | Sampled | Sample results apply as received |
| | | Number Composited | 20 |
| | | Online Order | 901-2024-E073923 |

| Analysis | Result |
|---|---------------|
| Aerobic Plate Count * | |
| Aerobic Plate Count | <100 CFU/g |
| E. coli * | |
| Escherichia Coli | Absent /10 g |
| Enterobacteriaceae (Bile-Tolerant Gram-Negative Bacteria) * | |
| Enterobacterial Count | <10 MPN MPN/g |
| Salmonella USP * | |
| Salmonella | Absent /10 g |
| Staphylococcus * | |
| Staphylococcus Aureus | Absent /10 g |
| Yeast and Mold Count * | |
| Combined Yeast and Mold Count | <100 CFU/g |
| Preparatory Testing of Nutritional and Dietary Supplements * | |
| Staphylococcus Suitability Result | PASS |
| Aerobic Plate Suitability Result | PASS |
| E. coli Suitability Result | PASS |
| Total Combined Yeast-Molds Count | PASS |
| Bile-Tolerant Gram-Neg Bacteria Suitability Result | PASS |
| Salmonella Suitability Result | PASS |
| Elements by ICP Mass Spectrometry | |
| Mercury | 22.1 ppb |
| Lead | 124 ppb |
| Cadmium | 109 ppb |
| Arsenic | 144 ppb |

| Method References | Testing Location |
|---------------------------------------|---|
| Aerobic Plate Count (USPC2021) | Eurofins Micro Lab - Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA |

* This analysis or component is not ISO accredited.

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Method References

Testing Location

Aerobic Plate Count (USPC2021)

Eurofins Micro Lab - Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

USP Current revision, Chapter 2021.

To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix.

**Based on the results of the preparatory test, the detection limit stipulated is adequate for the enumeration of the specified microorganisms.

E. coli (USPE2022)

Eurofins Micro Lab - Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

USP Current revision, Chapter 2022.

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Elements by ICP Mass Spectrometry (ICP_MS_S)

Food Integrity Innovation-Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, Methods 2011.19 and 993.14, and 2015.01, AOAC INTERNATIONAL, (Modified).

Enterobacteriaceae (Bile-Tolerant Gram-Negative Bacteria) (USPN2021)

Eurofins Micro Lab - Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

USP Current revision, Chapter 2021.

To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix.

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Preparatory Testing of Nutritional and Dietary Supplements (USPA_PT)

Eurofins Micro Lab - Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

Preparatory Testing of Nutritional and Dietary Supplements (USPC_PT)

Eurofins Micro Lab - Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

Preparatory Testing of Nutritional and Dietary Supplements (USPE_PT)

Eurofins Micro Lab - Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

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Page 2 of 4

Certificate of Analysis

Method References

Testing Location

Preparatory Testing of Nutritional and Dietary Supplements (USPM_PT)

Eurofins Micro Lab - Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

Preparatory Testing of Nutritional and Dietary Supplements (USPN_PT)

Eurofins Micro Lab - Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

Preparatory Testing of Nutritional and Dietary Supplements (USPS_PT)

Eurofins Micro Lab - Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

Salmonella USP (USPS2022)

Eurofins Micro Lab - Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

USP Current revision, Chapter 2022.

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Staphylococcus (USPA2022)

Eurofins Micro Lab - Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

USP Current revision, Chapter 2022.

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Yeast and Mold Count (USPM2021)

Eurofins Micro Lab - Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

USP Current revision, Chapter 2021.

To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix.

**Based on the results of the preparatory test, the detection limit stipulated is adequate for the enumeration of the specified microorganisms.

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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.
6304 Ronald Reagan Ave
Madison WI 53704
800-675-8375



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