

Certificate of Analysis

Rational Nutrition LLC

800 N King Street
Suite 304 #4106
Wilmington Delaware 19801 United States

Sample Name:	Albion Magnesium Sept 2025	Eurofins Sample:	15781312
Project ID	RATIONAL_N-20250929-0005	Receipt Date	03-Oct-2025
PO Number		Receipt Condition	Ambient temperature
Sample Serving Size	2 g	Login Date	29-Sep-2025
Description	raw material 2g compound weight sb 200 elemental	Date Started	06-Oct-2025
		Sampled	Sample results apply as received
		Online Order	901-2025-E085207

Analysis	Result
Elements by ICP Emission Spectrometry (ICP-OES)	
Magnesium	194 mg/Serving Size
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	Neutralization of the product is not applicable, due to the microbicidal activity of the product, it is not likely to contain the specified microorganism.
Salmonella Suitability Result	Neutralization of the product is not applicable, due to the microbicidal activity of the product, it is not likely to contain the specified microorganism.
Total Combined Yeast-Molds Count	PASS
Aerobic Plate Suitability Result	PASS

* This analysis or component is not ISO accredited.

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Analysis	Result
Preparatory Testing of Nutritional and Dietary Supplements *	
E. coli Suitability Result	Neutralization of the product is not applicable, due to the microbicidal activity of the product, it is not likely to contain the specified microorganism. PASS
Bile-Tolerant Gram-Neg Bacteria Suitability Result	
Elements by ICP Mass Spectrometry	
Mercury	<5.00 ppb
Lead	<5.00 ppb
Cadmium	<5.00 ppb
Arsenic	<10.0 ppb
Chromium *	1870 ppb

Method References	Testing Location
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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.

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Method References

Testing Location

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 Emission Spectrometry (ICP-OES) (ICP_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis of AOAC INTERNATIONAL, Method 984.27, 985.01, and 2011.14, AOAC INTERNATIONAL, Gaithersburg, MD, USA. (Modified)

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.

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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

Preparatory Testing of Nutritional and Dietary Supplements (USPM_PT)

Eurofins Micro Lab - Madison

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Method References

Testing Location

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.

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

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Staphylococcus (USPA2022)

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

USP Current revision, Chapter 2022.

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

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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.

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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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