eurofins | Food Integrity & Innovation

Report Number: 5093471-0
Report Date: 01-Oct-2025
Report Status: Final

Certificate of Analysis

Slumber

1500 W Hampden Ave
Unit 1B
Englewood Colorado 80110 United States

Sample Name:	**NightLytes**	**Eurofins Sample:**	**15743391**
Project ID	SLUMBER-20250917-0001	**Receipt Date**	19-Sep-2025
PO Number	NA	**Receipt Condition**	Ambient temperature
Lot Number	SLU101BC	**Login Date**	17-Sep-2025
Sample Serving Size	7.2 g	**Date Started**	23-Sep-2025
Description	NightLytes Sleep Powder	**Sampled**	Sample results apply as received
		Online Order	901-2025-E081836

Analysis	Result	Per Serving	Per Daily Value (USA)
Elements by ICP Emission Spectrometry (ICP-OES)			
Calcium	31600 ppm	227 mg/Serving Size	17.5%
Magnesium	69400 ppm	500 mg/Serving Size	119%
Zinc	360 ppm	2.59 mg/Serving Size	23.5%
Potassium	22200 ppm	160 mg/Serving Size	3.41%
Vitamin D by LCMS			
Total Vitamin D3 (mcg units)	0.111 mcg/g	0.800 mcg/Serving Size	4.00%
Total Vitamin D2 (mcg units)	<0.00100 mcg/g	<0.00720 mcg/Serving Size	<0.0360%
Free amino acids			
Glycine	157 mg/g	1130 mg/Serving Size	
Theanine			
Theanine	21.4 mg/g	154 mg/Serving Size	
Apigenin by UPLC *			
Apigenin	6020 mcg/g		
Determination of Amino Acids by UPLC *			
Gamma-aminobutyric Acid	12500 mcg/g	89.9 mg/Serving Size	
Aerobic Plate Count *			
Aerobic Plate Count	450 (est) CFU/g		
E. coli *			
Escherichia Coli	Absent /10 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 *			
Salmonella Suitability Result	PASS		

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Analysis	Result	Per Serving	Per Daily Value (USA)
Preparatory Testing of Nutritional and Dietary Supplements *			
Staphylococcus Suitability Result	PASS		
E. coli Suitability Result	PASS		
Aerobic Plate Suitability Result	PASS		
Total Combined Yeast-Molds Count	PASS		
Elements by ICP Mass Spectrometry			
Arsenic	275 ppb		
Lead	62.3 ppb		
Cadmium	68.1 ppb		
Mercury	<5.00 ppb		

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.

Apigenin by UPLC (MISC_OC) — **Food Integrity Innovation-Brea**
2951 Saturn Street, Unit C Brea, CA 92821 USA

Internally Developed Method

Determination of Amino Acids by UPLC (OC_AMINO_S) — **Food Integrity Innovation-Brea**
2951 Saturn Street, Unit C Brea, CA 92821 USA

Internally Developed Method

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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.
To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix.
**Based on the results of the preparatory test, conditions stipulated are adequate for detecting the presence of the specified microorganism.

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).

Free amino acids (FAALC_S)

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

R. Schuster, "Determination of Amino Acids in Biological, Pharmaceutical, Plant and Food Samples by Automated Precolumn Derivatization and HPLC", *Journal of Chromatography*, 431:271-284 (1988).
Henderson, J.W., Ricker, R.D. Bidlingmeyer, B.A., Woodward, C., "Rapid, Accurate, Sensitive, and Reproducible HPLC Analysis of Amino Acids, Amino Acid Analysis Using Zorbax Eclipse-AAA columns and the Agilent 1100 HPLC," Agilent Publication, 2000.

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
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

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Method References	Testing Location

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

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

Laboratory Developed Method.

Supporting References:
Acquity UPLC H-Class and H-Class Bio Amino Acid Analysis, Revision B, Waters Waters Corporation, 2012.

Vitamin D by LCMS (VDMS_S)

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

Official Methods of Analysis of AOAC INTERNATIONAL, Current Ed., Method 2011.11, AOAC INTERNATIONAL, Gaithersburg, MD, USA, (Modified)

Huang, M., Laluzerne, P., Winters, D., Sullivan, D., "Measurement of Vitamin D in Foods and Nutritional Supplements by Liquid Chromatography/Tandem Mass Spectrometry," *Journal of AOAC International,* Volume (92). No. 5:1327-1335 (2009).

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

Testing Location(s)	Released on Behalf of Eurofins by
Food Integrity Innovation-Brea Eurofins Food Chemistry Testing US, Inc. 2951 Saturn Street Unit C Brea CA 92821 800-675-8375	**Marisa Feller - President Eurofins Botanical Testing Brea**
Food Integrity Innovation-Madison Eurofins Food Chemistry Testing Madison, Inc. 6304 Ronald Reagan Ave Madison WI 53704 800-675-8375	**Edward Ladwig - President Eurofins Food Chemistry Testing Madison**

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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. Measurement uncertainty for individual analyses can be obtained upon request.

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