



Twin Arbor Analytical

Your Quality Control Lab

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Certificate of Analysis

Accession: 20286	Client: Lucetic LLC	Collection Date: 1/15/2026 9:26 AM	SS
External No: 19652-LN	31611 Juniper Ln	Received Date: 1/15/2026 9:26 AM	SS
Product: Lucetic Mushroom Extracts	Warren, MI 48093	Reported Date: 1/23/2026 11:22 AM	
Product Code: 2338		Report Status: REVISED	
Invoice: 4345	Batch or Lot ID: NY-UN-0825-CU-CO	Sample Description: Cordyceps Mushroom Extract	
Manufactured Date: 9/12/2025	Expiration Date: 9/12/2027	PO Number: 2338	
Serving Size: 1-2 mL			

Analytical - Elemental Analyses

Heavy Metals (As, Cd, Hg and Pb)

Run by BCA on 1/23/2026 9:06:17 AM at Location: TAL

SOP/Methodology: USP 233

Test	Result	LOD (Result)	LOQ (Result)	Units	Specification	Status
Arsenic (As)	22.68	3.382	9.948	µg/L	<30 µg/L	Within Specification
Cadmium (Cd)	ND	3.382	9.948	µg/L	<20 µg/L	Within Specification
Lead (Pb)	ND	3.382	9.948	µg/L	<10 µg/L	Within Specification
Mercury (Hg)	ND	3.382	9.948	µg/L	<2 µg/L	Within Specification

Microbiological - Traditional Plating Analyses

Microbiological examination of supplements (full USP 2021 and 2022)

Run by DZ on 1/16/2026 2:22:34 PM at Location: TAL

Test	Result	Units	Specification	Status	Methodology
Total Aerobic Plate Count	3000	CFU/g	Unspecified	N/A	USP 2021
Total Yeast	< 100	CFU/g	Unspecified	N/A	USP 2021
Total Mold	< 100	CFU/g	Unspecified	N/A	USP 2021
Total Enterobacteriaceae	< 100	CFU/g	Unspecified	N/A	mUSP 2021
Escherichia coli	Absent	P/A	Absent in 10g	Within Specification	USP 2022
Salmonella species	Absent	P/A	Absent in 10g	Within Specification	USP 2022
Staphylococcus aureus	Absent	P/A	Absent in 10g	Within Specification	USP 2022
Clostridium species	Absent	P/A	Absent in 10g	Within Specification	USP 2022

Run by SS on 1/19/2026 10:07:09 AM at Location: TAL

Reviewed By: _____

Richmond, Forrest - Analytical Director

Panel Name: Heavy Metals (As, Cd, Hg and Pb)

Approved: 1/23/2026 11:22 AM

Reviewed By: _____

Richmond, Shawn - Microbial Director

Panel Name: Microbiological examination of supplements (full USP 2021 and 2022)

Approved: 1/22/2026 9:51 AM

ND = Not Detected | LOD = Limit of Detection | LOQ = Limit of Quantification

Product details are provided by the Client and are not verified by the laboratory.
Not all methods are ISO17025:2017 accredited.