



Twin Arbor Analytical

Your Quality Control Lab

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Certificate of Analysis

Accession:	21159	Client:	Lucetic LLC	Collection Date:	2/23/2026 3:22 PM	SS
External No:	20518-LN		31611 Juniper Ln	Received Date:	2/23/2026 3:22 PM	SS
Product:	Chaga Mushroom Extract		Warren, MI 48093	Reported Date:	3/2/2026 12:45 PM	
Product Code:	2339			Report Status:	REVISED	
Invoice:	4538/4563	Batch or Lot ID:	VT-TN-1225-CU-CH	Sample Description:	Mushroom Extract	
Manufactured Date:	12/24/2025	Expiration Date:	12/24/2027	Serving Size:	1-2ml	

Analytical - Elemental Analyses

Heavy Metals (As, Cd, Hg and Pb)

Run by BCA on 2/27/2026 2:27:27 PM at Location: TAL

SOP/Methodology: TM0005 / USP 233

Test	Result	LOD (Result)	LOQ (Result)	Units	Specification	Status
Arsenic (As)	13.41	3.241	9.531	µg/L	<30 µg/L	Within Specification
Cadmium (Cd)	< LOQ	3.241	9.531	µg/L	<20 µg/L	Within Specification
Lead (Pb)	21.54	3.241	9.531	µg/L	<30 µg/L	Within Specification
Mercury (Hg)	< LOQ	3.241	9.531	µg/L	<2 µg/L	Within Specification

Microbiological - Traditional Plating Analyses

Microbiological examination of supplements (full USP 2021 and 2022)

Run by DZ on 2/24/2026 11:46:38 AM at Location: TAL

Test	Result	Units	Specification	Status	Methodology
Total Aerobic Plate Count	306400	CFU/g	Unspecified	N/A	USP 2021
Total Yeast	750	CFU/g	Unspecified	N/A	USP 2021
Total Mold	< 100	CFU/g	Unspecified	N/A	USP 2021
Total Enterobacteriaceae	< 10	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 1g	Within Specification	USP 2022

Run by SS on 3/2/2026 9:53:14 AM at Location: TAL

Reviewed By: _____

Richmond, Forrest - Analytical Director

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

Approved: 3/2/2026 12:44 PM

Reviewed By: _____

Richmond, Shawn - Microbial Director

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

Approved: 3/2/2026 9:34 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.