



# Twin Arbor Analytical

Your Quality Control Lab

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## Certificate of Analysis

<b>Accession:</b>	11762	<b>Client:</b>	Sporenity LLC	<b>Collection Date:</b>	10/4/2024 2:55 PM	NA
<b>External No:</b>	11189-LN		1537 Glacier Dr	<b>Received Date:</b>	10/14/2024 9:01 AM	TA
<b>Product:</b>	Lion's Mane Tincture 2oz		Colorado Springs, CO 80910	<b>Reported Date:</b>	10/22/2024 10:15 AM	
<b>Product Code:</b>	LN-MN-TNC-2OZ			<b>Report Status:</b>	FINAL	
<b>Invoice:</b>	2114					

## Analytical - Elemental Analyses

### Heavy Metals Panel 2 (As, Cd, Hg, Pb, Cr)

Run by BCA on 10/14/2024 2:10:43 PM at Location: TAL

SOP/Methodology: USP 233

Test	Result	LOD (Result)	LOQ (Result)	Units	Specification	Status
Arsenic (As)	ND	0.004098	0.01228	ppm	Unspecified	N/A
Cadmium (Cd)	ND	0.004098	0.01228	ppm	Unspecified	N/A
Lead (Pb)	ND	0.004098	0.01228	ppm	Unspecified	N/A
Mercury (Hg)	< LOQ	0.004098	0.01228	ppm	Unspecified	N/A
Chromium (Cr)	0.03695	0.004098	0.01228	ppm	Unspecified	N/A

## Microbiological - Traditional Plating Analyses

### USP microbial contaminants (2021, 2022, 62) panel for dietary supplements

Run by MO/DZ on 10/14/2024 11:19:21 AM at Location: TAL

Test	Result	Units	Specification	Status	Methodology
Total Aerobic Plate Count	16100	CFU/g	<1000 CFU/g	Above Specification	USP 2021
Total Yeast	< 100	CFU/g	<1000 CFU/g	Within Specification	USP 2021
Total Mold	< 100	CFU/g	<1000 CFU/g	Within Specification	USP 2021
Total Enterobacteriaceae	< 10	CFU/g	<1000 CFU/g	Within Specification	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
Pseudomonas aeruginosa	Absent	P/A	Absent in 10g	Within Specification	USP 62

Run by TA on 10/16/2024 2:43:22 PM at Location: TAL

Reviewed By: \_\_\_\_\_

Pereira, Anisse - Microbial Manager

Panel Name: USP microbial contaminants (2021, 2022, 62) panel for dietary supplement Approved: 10/22/2024 10:14 AM

Reviewed By: \_\_\_\_\_

Woltkamp, Addie - Analytical Manager

Panel Name: Heavy Metals Panel 2 (As, Cd, Hg, Pb, Cr) Approved: 10/15/2024 1:25 PM

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.