



## Certificate of Analysis

### Client Information

#### Brand Mix

9559 Yucca Way  
Arvada, CO 80007  
USA  
1-786-450-3995

### Sample Information

ARL ID: 673170  
Date Received: 4/19/2023  
Date Tested: 5/3/2023  
Description: Lions Mane Extract  
Lot#: 23F4170222 - 101

Results						
Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
<u>Complete Micro Profile Pseudomonas (High Count)</u>	USP, AOAC					1
Total Plate Count (High Count)	USP <2021>	10	≤ 500,000	None Detected	cfu's/g	1
Coliforms	AOAC 991.14	100	Record Only	None Detected	cfu's/g	1
E. coli	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Staphylococcus aureus	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Salmonella	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Pseudomonas aeruginosa	USP <62>	Absent	Record Only	Absent	cfu's/g	1
Yeast (High Count)	USP <2021>	10	Record Only	None Detected	cfu's/g	1
Mold (High Count)	USP <2021>	10	Record Only	None Detected	cfu's/g	1
<u>Heavy Metals</u>	ARL ICPMS 8.016					1
Arsenic (As)	ARL ICPMS 8.016	0.001	≤ 1.0	< 0.001	ppm	1
Cadmium (Cd)	ARL ICPMS 8.016	0.001	≤ 0.41	< 0.001	ppm	1
Mercury (Hg)	ARL ICPMS 8.016	0.001	≤ 0.03	0.001	ppm	1
Lead (Pb)	ARL ICPMS 8.016	0.001	≤ 0.05	0.040	ppm	1
Gluten Allergens (as Gliadin)	ARL 2.055	2.5	Record Only	< 2.5	ppm	1



## Results

Analysis	Method	<sup>†</sup> MDL / LOQ	Specification	Results	UOM	Lab ID
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**<sup>†</sup>Method Detection Limit (MDL):**

In microbiological testing, this is the minimum level of growth that can be detected with confidence. If a result is reported as "None Detected", it means any visible growth was below this limit.

**<sup>†</sup>Limit of Quantitation (LOQ):**

In analytical chemistry testing, this is the minimum level of the desired analyte that can be quantified with confidence. If a result is reported as less than LOQ, it means any detected amount was too small to report an exact number.

Under accreditation number 77504, ARL is an ISO/IEC 17025:2017 Accredited Laboratory. Uncertainty data for ISO-scoped methods is available upon request. Certificate and scope are also available upon request.

