



Analytical Resource Laboratories

47-2854223
520 South 850 East, Suite B3
Lehi, UT 84043
801-847-7722
www.analyticalresource.com
info@yourqualitylab.com



Certificate of Analysis

Client Information

Lost Empire Herbs
8301 NW 101st Ter. Ste. #1
Kansas City, MO 64153
USA
831-334-0284

Sample Information

ARL ID: 666422
Date Received: 3/20/2023
Date Tested: 3/27/2023
Description: Blue Vervain Tincture
Lot#: BV220E

Results

Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
<u>Complete Micro Profile Pseudo, HM</u>	USP, AOAC, ICP-MS					1
Total Plate Count	USP <2021>	10	Record Only	None Detected	cfu's/g	1
Coliforms	AOAC 991.14	10	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	USP <2021>	10	Record Only	None Detected	cfu's/g	1
Mold	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	Record Only	0.005	ppm	1
Cadmium (Cd)	ARL ICPMS 8.016	0.001	Record Only	< 0.001	ppm	1
Mercury (Hg)	ARL ICPMS 8.016	0.001	Record Only	< 0.001	ppm	1
Lead (Pb)	ARL ICPMS 8.016	0.001	Record Only	< 0.001	ppm	1

†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

Form: arlcoa031201a Report: 666422

experience • professionalism • value

Released by: Jacob Teller

Printed on: 3/27/2023 2:37:58 PM

Date Released: 3/27/2023

This Certificate of Analysis represents data only for the sample provided. It does not constitute a guarantee of quality for the entire production lot.

Page 1 of 2



Results

Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
----------	--------	------------	---------------	---------	-----	--------

growth was below this limit.

†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.

