



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: 707257  
Date Received: 10/27/2023  
Date Tested: 11/1/2023  
Description: Sparten Formula  
Lot#: SPART10012SEP23

## 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>	100	Record Only	2,000	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>	100	Record Only	None Detected	cfu's/g	1
Mold	USP <2021>	100	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	0.113	ppm	1
Cadmium (Cd)	ARL ICPMS 8.016	0.001	Record Only	0.018	ppm	1
Mercury (Hg)	ARL ICPMS 8.016	0.001	Record Only	0.002	ppm	1
Lead (Pb)	ARL ICPMS 8.016	0.001	Record Only	0.069	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: 707257

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Released by: Spencer Ashby

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

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Results

Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
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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.**

