



Analytical Resource Laboratories

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# 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: 691766  
Date Received: 8/7/2023  
Date Tested: 8/10/2023  
Description: Cordyceps  
Lot#: BNCORD27JUN23

## Results

| Analysis                          | Method            | †MDL / LOQ | Specification | Results       | UOM       | Lab ID |
|-----------------------------------|-------------------|------------|---------------|---------------|-----------|--------|
| <u>Complete Micro Profile, HM</u> | USP, AOAC, ICP-MS |            |               |               |           | 1      |
| Total Plate Count                 | USP <2021>        | 100        | 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      |
| 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   | 0.057         | ppm       | 1      |
| Cadmium (Cd)                      | ARL ICPMS 8.016   | 0.001      | Record Only   | 0.083         | 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   | 0.027         | 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 growth was below this limit.

### †Limit of Quantitation (LOQ):

Form: arlcoa031201a Report: 691766

experience • professionalism • value

Released by: Spencer Ashby

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Date Released: 8/10/2023



Results

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

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.**

