



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: 715626
Date Received: 12/12/2023
Date Tested: 12/15/2023
Description: Mushroom Brain Tincture
Lot#: LEMB1023

| 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 | 100 | 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 | 0.002 | 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 | 0.002 | 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



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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.

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