



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: 643597
Date Received: 11/18/2022
Description: Horny Goat Weed
Lot#: BHGW28SEP22

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 | 0.152 | ppm | 1 |
| Cadmium (Cd) | ARL ICPMS 8.016 | 0.001 | Record Only | 0.013 | ppm | 1 |
| Mercury (Hg) | ARL ICPMS 8.016 | 0.001 | Record Only | 0.011 | ppm | 1 |
| Lead (Pb) | ARL ICPMS 8.016 | 0.001 | Record Only | 0.148 | 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):

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





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|----------|--------|------------|---------------|---------|-----|--------|
|----------|--------|------------|---------------|---------|-----|--------|

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.

