



Analytical Resource Laboratories

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Certificate of Analysis

Client Information

MitraMan Botanicals
PO Box 8305
Round Rock, TX
78664 USA
601.988.5060

Sample Information

ARL ID: 623387
Date Received: 8/18/2022
Description: Gold Borneo MitraManGeneral
Lot#: 0722B

| Analysis | Method | †MDL / LOQ | Specification | Results | UOM | Lab ID |
|---------------------------------|-----------------|------------|---------------|---------------|-----------|--------|
| K2A Profile, Pathogenic E. coli | | | | | | 1 |
| Complete Micro Profile | USP, AOAC | | | | | 1 |
| Total Plate Count (High Count) | USP <2021> | 100 | < 10 Million | 300,000 | cfu's/g | 1 |
| Coliforms | AOAC 991.14 | 100 | < 18,000 | 7,000 | cfu's/g | 1 |
| Pathogenic E. coli | AOAC RI | Absent | Absent | Absent | cfu's/10g | 1 |
| Staphylococcus aureus | USP <2022> | Absent | Absent | Absent | cfu's/10g | 1 |
| Salmonella | USP <2022> | Absent | Absent | Absent | cfu's/10g | 1 |
| Yeast (High Count) | USP <2021> | 100 | < 100,000 | None Detected | cfu's/g | 1 |
| Mold (High Count) | USP <2021> | 100 | < 100,000 | 17,000 | cfu's/g | 1 |
| Heavy Metals | ARL ICPMS 8.016 | | | | | 1 |
| Arsenic (As) | ARL ICPMS 8.016 | 0.001 | < 1 | 0.237 | ppm | 1 |
| Cadmium (Cd) | ARL ICPMS 8.016 | 0.001 | < 0.5 | 0.023 | ppm | 1 |
| Mercury (Hg) | ARL ICPMS 8.016 | 0.001 | < 0.5 | 0.027 | ppm | 1 |

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Aug 23, 2022
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†**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 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.

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



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|-----------------------|-----------------|------------|---------------|---------|-----|--------|
| Lead (Pb) | ARL ICPMS 8.016 | 0.001 | < 1 | 0.358 | ppm | 1 |
| Mitragynine Package | HPLC 2.046 | | | | | 1 |
| Mitragynine | HPLC 2.046 | 0.04 | Record Only | 1.03 | % | 1 |
| 7-Hydroxy-Mitragynine | HPLC 2.046 | 0.04 | Record Only | <0.04 | % | 1 |

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