



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: 618847
Date Received: 7/28/2022
Description: Green Batak
Lot#: 0722

Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
K2A Profile						1
Complete Micro Profile	USP, AOAC					1
Total Plate Count (High Count)	USP <2021>	100	< 10 Million	9,900	cfu's/g	1
Coliforms	AOAC 991.14	100	< 18,000	2,000	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	1,000	cfu's/g	1
Mold (High Count)	USP <2021>	100	< 100,000	1,000	cfu's/g	1
Heavy Metals	ARL ICPMS 8.016					1
Arsenic (As)	ARL ICPMS 8.016	0.001	< 1	0.601	ppm	1
Cadmium (Cd)	ARL ICPMS 8.016	0.001	< 0.5	0.025	ppm	1
Mercury (Hg)	ARL ICPMS 8.016	0.001	< 0.5	0.035	ppm	1

Form# arlcoa031201a

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Aug 4, 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	0.411	ppm	1
Mitragynine Package	HPLC 2.046					1
Mitragynine	HPLC 2.046	0.04	Record Only	1.73	%	1
7-Hydroxy-Mitragynine	HPLC 2.046	0.04	Record Only	<0.04	%	1

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