



Analytical Resource Laboratories

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801-847-7722
www.analyticalresource.com
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Certificate of Analysis

Client Information

Austin Leaf, LLC
Austin, TX
833 Austin-1

Sample Information

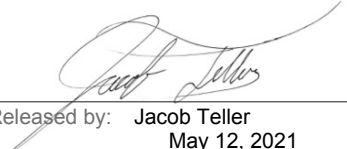
ARL ID: 413676
Date Received: 5/3/2021
Description: Kratom Powder
Lot#: 20210422

Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
Mitragynine Package	HPLC 2.046					1
Mitragynine	HPLC 2.046	0.1	Record Only	1.4	%	1
7-Hydroxy-Mitragynine	HPLC 2.046	0.04	Record Only	<0.04	%	1

Form# arlcoa031201a

Printed on: May 12, 2021 9:05 AM

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Released by:  Jacob Teller

May 12, 2021

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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.



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ARL ID: 411847
Date Received: 4/23/2021
Description: Kratom Powder
Lot#: 20210422

Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
Complete Micro Profile, HM (High Count)	USP, AOAC, ICP-					1
Total Plate Count (High Count)	USP <2021>	100	< 10 Million	36,000	cfu's/g	1
Coliforms	AOAC 991.14	100	< 10,000	None Detected	cfu's/g	1
E. coli	USP <2022>	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	12,000	cfu's/g	1
Heavy Metals	ARL ICPMS 8.016					1
Arsenic (As)	ARL ICPMS 8.016	0.001	< 2	0.275	ppm	1
Cadmium (Cd)	ARL ICPMS 8.016	0.001	< 0.85	0.025	ppm	1
Mercury (Hg)	ARL ICPMS 8.016	0.001	< 0.41	0.027	ppm	1
Lead (Pb)	ARL ICPMS 8.016	0.001	< 1.2	0.556	ppm	1

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Printed on: Apr 29, 2021 5:40 PM

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Apr 29, 2021

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* ARL is an ISO/IEC 17025:2017 Accredited Laboratory. Uncertainty data for ISO-scoped methods is available upon request. Certificate and Supplement 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.