



Analytical Resource Laboratories

47-2854223
520 South 850 East, Suite B3
Lehi, UT 84043
801-847-7722
www.analyticalresource.com
info@yourqualitylab.com

Certificate of Analysis

Client Information

Steding and Sons Mercantile - 1836 Kratom
13200 Pond Springs Rd E39
Austin, TX
78729 USA
512.998.1773

Sample Information

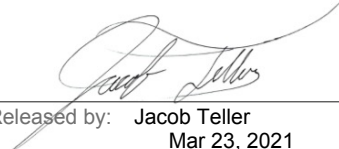
ARL ID: 404291
Date Received: 3/18/2021
Description: Texas Red - Sample B
Lot#: TR151915

Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
Kratom 4A Profile (Rapid)						1
Complete Micro Profile (Rapid)	USP, AOAC					1
Total Plate Count (High Count)	USP <2021>	100	Record Only	270,000	cfu's/g	1
Coliforms	AOAC 991.14	100	Record Only	9,000	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 and Mold (High Count, Rapid)	AOAC RI	100	Record Only	10	cfu's/g	1
Heavy Metals	ARL ICPMS 8.016					1
Arsenic (As)	ARL ICPMS 8.016	0.001	Record Only	0.390	ppm	1
Cadmium (Cd)	ARL ICPMS 8.016	0.001	Record Only	0.028	ppm	1
Mercury (Hg)	ARL ICPMS 8.016	0.001	Record Only	0.015	ppm	1
Lead (Pb)	ARL ICPMS 8.016	0.001	Record Only	0.693	ppm	1
Kratom Alkaloids	HPLC 2.046					1
Mitragynine	HPLC 2.046	0.1	Record Only	1.0	%	1
7-Hydroxy-Mitragynine	HPLC 2.046	0.04	Record Only	<0.04	%	1
Speciogynine	HPLC 2.046	0.1	Record Only	0.2	%	1

Form# arlcoa031201a

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Mar 23, 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.

* 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.



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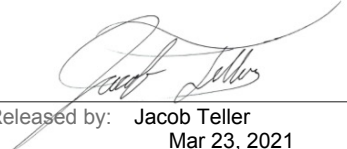
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Analysis	Method	[†] MDL / LOQ	Specification	Results	UOM	Lab ID
Paynantheine	HPLC 2.046	0.1	Record Only	0.2	%	1

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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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