



ARL

Analytical Resource Laboratory

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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

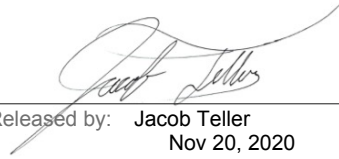
ARL ID: 381641
Date Received: 11/17/2020
Description: B Block
Lot#: B151913

Analysis	Method	MDL	Specification	Results	UOM	Lab ID
Complete Micro Profile (High Count, Rapid)	USP, AOAC					1
Total Plate Count (High Count)	USP <2021>	100	Record Only	620000	cfu's/g	1
Coliforms	AOAC 991.14	10	Record Only	14000	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	10	Record Only	None Detected	cfu's/g	1
Heavy Metals	ARI					1
Arsenic (As)	ARI	0.001	< 1,500	147.322	ppb	1
Cadmium (Cd)	ARL ICPMS	0.001	< 300	18.458	ppb	1
Mercury (Hg)	ARL ICPMS	0.001	< 500	20.627	ppb	1
Lead (Pb)	ARL ICPMS	0.001	< 1,000	358.058	ppb	1
Nickel (Ni)	ARI	0.001	< 200,000	4088.822	ppb	1
Kratom Alkaloids	HPLC 2.046					1
Mitragynine	HPLC 2.046	0.1	Record Only	1.6	%	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
Paynantheine	HPLC 2.046	0.1	Record Only	0.3	%	1

Form# arlcoa031201a

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Jacob Teller
Nov 20, 2020
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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.



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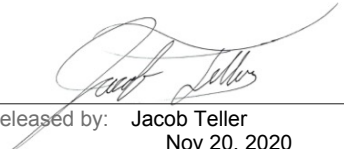
ARL ID: 381637
Date Received: 11/17/2020
Description: E Block
Lot#: E151013

Analysis	Method	MDL	Specification	Results	UOM	Lab ID
Complete Micro Profile (High Count, Rapid)	USP, AOAC					1
Total Plate Count (High Count)	USP <2021>	100	Record Only	670000	cfu's/g	1
Coliforms	AOAC 991.14	10	Record Only	9400	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	10	Record Only	21	cfu's/g	1
Heavy Metals	ARI					1
Arsenic (As)	ARI	0.001	< 1,500	446.28	ppb	1
Cadmium (Cd)	ARL ICPMS	0.001	< 300	19.04	ppb	1
Mercury (Hg)	ARL ICPMS	0.001	< 500	24.777	ppb	1
Lead (Pb)	ARL ICPMS	0.001	< 1,000	314.617	ppb	1
Nickel (Ni)	ARI	0.001	< 200,000	2608.691	ppb	1
Kratom Alkaloids	HPLC 2.046					1
Mitragynine	HPLC 2.046	0.1	Record Only	1.3	%	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
Paynantheine	HPLC 2.046	0.1	Record Only	0.3	%	1

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