



ARL

Analytical Resource Laboratory

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

Christopher's Organic Botanicals
PO Box 281
Deepwater, NJ
08023 USA

Sample Information

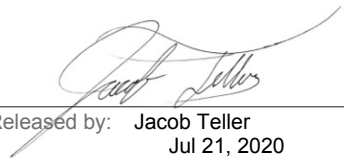
ARL ID: 338517
Date Received: 4/13/2020
Description: Green Maeng Da
Lot#: 151408

Analysis	Method	MDL	Specification	Results	UOM	Lab ID
Kratom 4A Profile						1
Complete Micro Profile	USP, AOAC					1
Total Plate Count	USP <2021>	100	Record Only	190000	cfu's/g	1
Coliforms	AOAC 991.14	10	Record Only	>15000	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	USP <2021>	100	Record Only	2300	cfu's/g	1
Mold	USP <2021>	100	Record Only	36000	cfu's/g	1
Heavy Metals	ARL ICPMS 2.60					1
Arsenic (As)	ARL ICPMS 2.60	0.001	Record Only	0.134	ppm	1
Cadmium (Cd)	ARL ICPMS 2.60	0.001	Record Only	0.029	ppm	1
Mercury (Hg)	ARL ICPMS 2.60	0.001	Record Only	0.012	ppm	1
Lead (Pb)	ARL ICPMS 2.60	0.001	Record Only	0.752	ppm	1
Kratom Alkaloids	HPLC 2.046					1
Mitragynine	HPLC 2.046	0.1	Record Only	0.4	%	1
7-Hydroxy-Mitragynine	HPLC	0.04	Record Only	0.012	%	1
Speciogynine	HPLC 2.046	0.1	Record Only	0.4	%	1
Paynantheine	HPLC 2.046	0.1	Record Only	0.6	%	1

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Released by:  Jacob Teller

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* ARL is an ISO/IEC 17025:2005 Accredited Laboratory. Certificate and Supplement 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.