



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
856-469-1810

Sample Information


ARL ID: 360062
Date Received: 8/3/2020
Description: 9 oz Red Agatha
Lot#: 150409

Analysis	Method	MDL	Specification	Results	UOM	Lab ID
Kratom 4AL Profile						1
Complete Micro Profile	USP, AOAC					1
Total Plate Count (High Count)	USP <2021>	100	Record Only	>2500000	cfu's/g	1
Coliforms	AOAC 991.14	100	Record Only	> 15000	cfu's/g	1
E. coli	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
E. coli 0157:H7	AOAC 991.14	10	Absent	Absent	cfu's/g	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 (High Count)	USP <2021>	100	Record Only	None Detected	cfu's/g	1
Mold (High Count)	USP <2021>	100	Record Only	54,000	cfu's/g	1
Listeria Species	AOAC RI	Absent	Record Only	Absent	cfu's/25g	1
Heavy Metals	ARL ICPMS 2.60					1
Arsenic (As)	ARL ICPMS 2.60	0.001	Record Only	0.222	ppm	1
Cadmium (Cd)	ARL ICPMS 2.60	0.001	Record Only	0.003	ppm	1
Mercury (Hg)	ARL ICPMS 2.60	0.001	Record Only	0.018	ppm	1
Lead (Pb)	ARL ICPMS 2.60	0.001	Record Only	0.894	ppm	1
Kratom Alkaloids	HPLC 2.046					1
Mitragynine	HPLC 2.046	0.1	Record Only	0.7	%	1
7-Hydroxy-Mitragynine	HPLC	0.04	Record Only	<0.04	%	1
Speciogynine	HPLC 2.046	0.1	Record Only	0.1	%	1
Paynantheine	HPLC 2.046	0.1	Record Only	0.2	%	1

Form# arlcoa031201a

Printed on: Aug 11, 2020 7:59 AM

experience • professionalism • value


Released by: Kara Woodbury
Aug 11, 2020
Page 1

* 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.