



# ARL

Analytical Resource Laboratory

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## Certificate of Analysis

### Client Information

Quantum Botanicals  
13200 Pond Springs Rd #E39  
Austin, TX  
78729 USA  
833.757.2866

### Sample Information


ARL ID: 379461  
Date Received: 11/6/2020  
Description: 4oz. Powder  
Lot#: BG131904

Analysis	Method	MDL	Specification	Results	UOM	Lab ID
Kratom 4A Profile (Rapid)	USP, AOAC,					1
Total Plate Count (High Count)	USP <2021>	100	Record Only	210,000	cfu's/g	1
Coliforms	AOAC 991.14	10	Record Only	13,000	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	10	Record Only	None Detected	cfu's/g	1
Heavy Metals	<b>ARI</b>					1
Arsenic (As)	<b>ARI</b>	0.001	Record Only	0.077	ppm	1
Cadmium (Cd)	ARL ICPMS	0.001	Record Only	0.040	ppm	1
Mercury (Hg)	ARL ICPMS	0.001	Record Only	0.014	ppm	1
Lead (Pb)	ARL ICPMS	0.001	Record Only	0.426	ppm	1
Kratom Alkaloids	HPLC 2.046					1
Mitragynine	HPLC 2.046	0.1	Record Only	1.1	%	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	0.2	%	1

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 Released by: Kara Woodbury  
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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.