



Analytical Resource Laboratories

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## Certificate of Analysis

### Client Information

South Sea Ventures  
380 W. Lawndale Drive  
SLC, UT  
84115 USA  
801.688.8482

### Sample Information


ARL ID: 423118  
Date Received: 6/24/2021  
Description: MIT Go Black Extra Strength Mitragyna Speciosa  
Extract  
Lot#: 210741559 L4

Analysis	Method	MDL / LOQ	Specification	Results	UOM	Lab ID
Kratom 2A Profile						1
Complete Micro Profile	USP, AOAC					1
Total Plate Count (High Count)	USP <2021>	10	Record Only	60	cfu's/g	1
Coliforms	AOAC 991.14	10	Record Only	None Detected	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 (High Count)	USP <2021>	10	Record Only	None Detected	cfu's/g	1
Mold (High Count)	USP <2021>	10	Record Only	None Detected	cfu's/g	1
Heavy Metals	ARL ICPMS 8.016					1
Arsenic (As)	ARL ICPMS 8.016	0.001	Record Only	0.054	ppm	1
Cadmium (Cd)	ARL ICPMS 8.016	0.001	Record Only	0.002	ppm	1
Mercury (Hg)	ARL ICPMS 8.016	0.001	Record Only	0.003	ppm	1
Lead (Pb)	ARL ICPMS 8.016	0.001	Record Only	0.034	ppm	1
Mitragynine Package	HPLC 2.046					1
Mitragynine	HPLC 2.046	0.1	Record Only	0.6	%	1
7-Hydroxy-Mitragynine	HPLC 2.046	0.04	Record Only	<0.04	%	1

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Printed on: Jul 1, 2021 2:16 PM

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Released by:   
Jacob Teller  
Jul 1, 2021  
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<sup>†</sup>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 scope are 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.