

STEDING & SONS MERCANTILE

1836 KRATOM

FITNESS. WELLNESS. GRATITUDE.



NOTES:

Green Means Go - Lot 151909

First Test - 05/2020

2nd Test - 04/2022

On this package we actually show a *higher* Mitragynine count than on the original test, in spite of the fact that this package has been through the ringer! This package was shipped to a store, sat in a store, was shipped back to us and then in a storage unit. This is one of the last packages created before the brand name change!

This test showed almost a 1.6% Mitragynine vs. the original test that showed 1.5%!

CERTIFICATE OF ANALYSISSTATUS: **RELEASED** REVISION: 00

DATE: 03/29/2022

Analysis ID No. 221231
TDA License No. 2020002
ISO/IEC No. 1055838
Purchase Order: 20220330
Page No. Page 1 of 2

CUSTOMER INFORMATION	SAMPLE INFORMATION
Company Name: Steding & Sons Mercantile	Submitted Sample Name: Quantum Leaf Botanicals, Green Means Go
Address: 13200 Pond Springs Rd. #E39, Austin, Texas 78729 USA	Submitted Sample Lot: 151909
Phone Number: 512-704-3680	Submitted Sample Description: Botanical Powder in Pouch; Stored at Room Temp
Contact Name / Email: Jeremy Steding / info@1836kratom.com	Submitted Sample Product Type / Matrix: Kratom Powder / Leaf Powder

ALKALOIDS ASSAY					
Analysis	Test Method	LOQ	Specifications	Test Results	Pass / Fail
Mitragynine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	1.594 w/w% 15.940 mg/g	Results Reported
Paynantheine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	0.327 w/w% 3.271 mg/g	Results Reported
Speciogynine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	0.239 w/w% 2.393 mg/g	Results Reported
Speciociliatine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	0.307 w/w% 3.071 mg/g	Results Reported
7-OH-Mitragynine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only % Total Alkaloids: NMT 2%	< 0.010 w/w%	PASS
Mitraphylline	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	< 0.010 w/w%	Results Reported
Isorhynchophylline	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	0.039 w/w% 0.391 mg/g	Results Reported
Corynoxine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	0.095 w/w% 0.949 mg/g	Results Reported
Total Alkaloids	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	2.602 w/w% 26.015 mg/g	Results Reported

TESTING FACILITY INFORMATION	SAMPLE INFORMATION
Santé Laboratories 8201 East Riverside Drive, STE 650 Austin, Texas 78744 USA	Santé Sample ID: 221231 Receipt Date: 03/17/2022 / 05:04 PM CST / M. Cardona Receipt Condition: Good Analysis Start Date: 03/17/2022

ADDITIONAL REPORT NOTES
The reported results presented in this document is only applicable to samples submitted to Santé Laboratories for testing and may not represent the entire lot and/or batch produced by the manufacturer. Microbiological specifications follow AHPA guidelines for botanical ingredients (non-extract). ©2021 Santé Laboratories, LLC – All Rights Reserved

VERSION HISTORY		
Version	Effective Date	Summary of Changes
00	03/29/2022	Initial Release

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REVIEWED AND APPROVED BY

DocuSigned by:

Brian Sloat

29 March 2022 | 10:32:29 AM PDT

DD-MM-YY

Brian Sloat, Ph.D.
Chief Scientific Officer / Quality Manager
Santé Laboratories

Date

PRODUCT SAMPLE / IMAGE





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

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

Sample Information

ARL ID: 344287
Date Received: 5/14/2020
Description: Block B - Green Kratom Green Means Go
Lot#: 151909

Analysis	Method	MDL	Specification	Results	UOM	Lab ID
Kratom 2A Profile						
Complete Micro Profile	USP, AOAC					1
Total Plate Count (High Count)	USP <2021>	100	Record Only	170000	cfu's/g	1
Coliforms	AOAC 991.14	100	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>	100	Record Only	None Detected	cfu's/g	1
Mold (High Count)	USP <2021>	100	Record Only	7200	cfu's/g	1
Heavy Metals	ARL ICPMS 2.60					1
Arsenic (As)	ARL ICPMS 2.60	0.001	Record Only	0.060	ppm	1
Cadmium (Cd)	ARL ICPMS 2.60	0.001	Record Only	0.083	ppm	1
Mercury (Hg)	ARL ICPMS 2.60	0.001	Record Only	0.021	ppm	1
Lead (Pb)	ARL ICPMS 2.60	0.001	Record Only	0.408	ppm	1
Mitragynine Package	HPLC 2.046					
Mitragynine	HPLC 2.046	0.1	Record Only	1.5	%	
7-Hydroxy-Mitragynine	HPLC	0.04	Record Only	<0.02	%	
7OH-MIT % of MIT	Calculation	0.1	< 2	1.3	%	

Form# arlcoa031201a

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Released by: Kara Woodbury

May 20, 2020

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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.