



NOTES:

Green Means Go - Lot 151908

First Test - 02/2020

2nd Test - 04/2022

This package predates regular alkaloid testing, but the numbers are strong even after two years! Please note, 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 hot storage unit, in Austin, TX for *two years* due to the company name change. This is one of the last packages created before the brand name change!

We attached *Green Means Go* Lot 151909, as well, to show it was consistently coming in around 1.5% at that time. This tested at 1.43%, which is close enough to be considered unchanged, due to lab variance.

This test showed almost a strong, solid alkaloid count and the microbiological levels were very similar, no more different than one might expect from two tests of the same product on the same day. There is always variance and the kratom is very clean!

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

DATE: 03/31/2022

Analysis ID No. 221232
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, 454g
Address: 13200 Pond Springs Rd. #E39, Austin, Texas 78729 USA	Submitted Sample Lot: 151908
Phone Number: 512-704-3680	Submitted Sample Description: Botanical Powder in Plastic Container; 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	1.433 w/w% 14.328 mg/g	Results Reported
Paynantheine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	0.323 w/w% 3.228 mg/g	Results Reported
Speciogynine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	0.231 w/w% 2.314 mg/g	Results Reported
Speciociliatine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	0.281 w/w% 2.810 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	0.030 w/w% 0.300 mg/g	Results Reported
Corynoxine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	0.089 w/w% 0.893 mg/g	Results Reported
Total Alkaloids	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	2.387 w/w% 23.872 mg/g	Results Reported

MICROBIOLOGICAL ASSAY					
Analysis	Test Method	LOQ	Specifications	Test Results	Pass / Fail
Total Aerobic Plate Count (TAPC)	Isolation Agar	20 CFU/gm	NMT 10,000,000 CFU/gm	29,000 CFU/gm	PASS
Total Yeast & Mold (TYM)	Isolation Agar	20 CFU/gm	NMT 100,000 CFU/gm	675 CFU/gm	PASS
Coliforms	Isolation Agar	20 CFU/gm	NMT 10,000 CFU/gm	105 CFU/gm	PASS
Escherichia coli (E.coli)	Isolation Agar	1 CFU/10 gm	Absent in 10 gm	Absent	PASS
Salmonella	Isolation Agar	1 CFU/25 gm	Absent in 25 gm	Absent	PASS

CERTIFICATE OF ANALYSIS

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TESTING FACILITY INFORMATION	SAMPLE INFORMATION
Santé Laboratories 8201 East Riverside Drive, STE 650 Austin, Texas 78744 USA	Santé Sample ID: 221232 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
01	03/31/2022	Inclusion of microbiology results

REVIEWED AND APPROVED BY

DocuSigned by:  Brian Sloat, Ph.D. Chief Scientific Officer / Quality Manager Santé Laboratories	31 March 2022 5:48:08 PM PDT Date	DD-MM-YY
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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: 329272
Date Received: 2/26/2020
Description: Super Green Malay (B) - Treated
Lot#: 151908

Analysis	Method	MDL	Specification	Results	UOM
Complete Micro Profile	USP, AOAC				
Total Plate Count (High Count)	USP <2021>	10	Record Only	12,000	cfu's/g
Coliforms	AOAC 991.14	100	Record Only	4,300	cfu's/g
E. coli	USP <2022>	Absent	Record Only	Absent	cfu's/10g
Staphylococcus aureus	USP <2022>	Absent	Record Only	Absent	cfu's/10g
Salmonella	USP <2022>	Absent	Record Only	Absent	cfu's/10g
Yeast	USP <2021>	100	Record Only	1,500	cfu's/g
Mold	USP <2021>	100	Record Only	1,300	cfu's/g

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