



CERTIFICATE OF ANALYSIS

STATUS: **RELEASED** REVISION: 01

DATE: 01/16/2023

Analysis ID No. 225299
 TDA License No. 2020002
 ISO/IEC No. 1055838
 Purchase Order: 20221444
 Page No. Page 1 of 2

CUSTOMER INFORMATION	SAMPLE INFORMATION
Company Name: Prof Whyte Kratom	Submitted Sample Name: Kratom Powder
Address: 7901 SW 6 th Ct, Plantation, FL 33324	Submitted Sample Lot: 0002384
Phone Number: 954-470-1891	Submitted Sample Description: Green Powder in Plastic Bag w/ Zip Tie; Stored at Rm Temp
Contact Name / Email: Kasey Cacciato / kasey@professorwhytes.com	Submitted Sample Product Type / Matrix: Kratom Leaf Powder / Plant Matter

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	1.656 w/w% 16.564 mg/g	Results Reported
Paynantheine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	0.325 w/w% 3.252 mg/g	Results Reported
Speciogynine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	0.240 w/w% 2.405 mg/g	Results Reported
Speciociliatine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	0.304 w/w% 3.037 mg/g	Results Reported
7-OH-Mitragynine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only % of 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	< 0.010 w/w%	Results Reported
Corynoxine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	< 0.010 w/w%	Results Reported
Total Alkaloids	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	2.526 w/w% 25.258 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	170 CFU/gm	PASS
Total Yeast & Mold (TYM)	Isolation Agar	20 CFU/gm	NMT 100,000 CFU/gm	< LOQ	PASS
Coliforms	Isolation Agar	20 CFU/gm	NMT 10,000 CFU/gm	< LOQ	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

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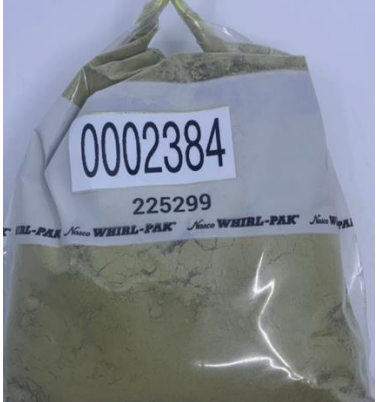
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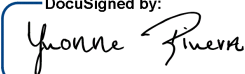
HEAVY METALS ASSAY					
Analysis	Test Method	LOQ	Specifications	Test Results	Pass / Fail
Lead	USP <232> <233> by ICP-MS	0.01 mcg/g	NMT 1.250 mcg/g	0.5925 mcg/g	PASS
Mercury	USP <232> <233> by ICP-MS	0.005 mcg/g	NMT 0.200 mcg/g	0.0144 mcg/g	PASS
Arsenic	USP <232> <233> by ICP-MS	0.01 mcg/g	NMT 1.000 mcg/g	0.1295 mcg/g	PASS
Cadmium	USP <232> <233> by ICP-MS	0.01 mcg/g	NMT 0.400 mcg/g	0.0211 mcg/g	PASS
Nickel	USP <232> <233> by ICP-MS	0.05 mcg/g	NMT 20.000 mcg/g	2.1931 mcg/g	PASS

TESTING FACILITY INFORMATION	SAMPLE INFORMATION
Santé Laboratories 8201 East Riverside Drive, STE 650 Austin, Texas 78744 USA	Santé Sample ID: 225299 Receipt Date: 11/30/2022 / 12:35 PM CST / P Steinberg Receipt Condition: Good Analysis Start Date: 11/30/2022

ADDITIONAL REPORT NOTES
<p>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. Heavy metal specifications according to limits defined by Texas DSHS for consumable hemp. Nickel specification according to oral drug products per USP <232>. Microbiological specifications follow AHPA guidelines for botanical ingredients (non-extract).</p> <p>©2020 Santé Laboratories, LLC – All Rights Reserved</p>

VERSION HISTORY		
Version	Effective Date	Summary of Changes
00	12/07/2022	Initial Release
01	01/16/2023	COA Duplicate

PRODUCT SAMPLE / IMAGE


REVIEWED AND APPROVED BY	
<p>DocuSigned by:  E49DDA843186484...</p> <p>Yvonne Rivera Data Management Specialist Santé Laboratories</p>	<p>16 January 2023 1:40:53 PM PST</p> <p>_____ Date</p>