



CERTIFICATE OF ANALYSIS

STATUS: **RELEASED** REVISION: 00

DATE: 10/17/2023

Analysis ID No. 232990
 TDA License No. 2020002
 ISO/IEC No. 1055838
 Purchase Order: 20230705
 Page No. Page 1 of 2

SAMPLE INFORMATION	
Submitted Sample Name:	Gummies
Submitted Sample Lot:	101223G
Submitted Sample Description:	Yellow Gummy in Black Mylar Bag; Stored at RT
Submitted Sample Product Type / Matrix:	Kratom Edible / Gummy

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 mg/unit: Report Only*	0.379 w/w% 3.787 mg/g 20.394 mg/unit	Results Reported
Paynantheine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/unit: Report Only*	0.041 w/w% 0.407 mg/g 2.191 mg/unit	Results Reported
Speciogynine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/unit: Report Only*	0.039 w/w% 0.392 mg/g 2.112 mg/unit	Results Reported
Speciociliatine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/unit: Report Only*	0.033 w/w% 0.330 mg/g 1.775 mg/unit	Results Reported
7-OH-Mitragynine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/unit: 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 mg/unit: Report Only*	< 0.010 w/w%	Results Reported
Isorhynchophylline	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/unit: Report Only*	< 0.010 w/w%	Results Reported
Corynoxine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/unit: Report Only*	< 0.010 w/w%	Results Reported
Total Alkaloids	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only mg/unit: Report Only*	0.492 w/w% 4.916 mg/g 26.472 mg/unit	Results Reported

TESTING FACILITY INFORMATION	SAMPLE INFORMATION
Santé Laboratories 8201 East Riverside Drive, STE 650 Austin, Texas 78744 USA	Santé Sample ID: 232990 Receipt Date: 10/16/2023 / 09:30 PM CST / K. Cobbett Receipt Condition: Good Analysis Start Date: 10/16/2023

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. *Unit Weight: 5.385 grams, this is based on the average of two (2) unit weights. ©2020 Santé Laboratories, LLC – All Rights Reserved



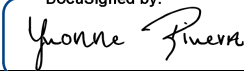
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VERSION HISTORY		
Version	Effective Date	Summary of Changes
00	10/17/2023	Initial Release



REVIEWED AND APPROVED BY	
<p>DocuSigned by:  E49DDA845186484...</p> <p>Yvonne Rivera Data Management Specialist Santé Laboratories</p>	<p>17 October 2023 3:15:19 PM PDT</p> <hr/> <p>Date</p>