



# CERTIFICATE OF ANALYSIS

STATUS: **RELEASED** REVISION: 00

DATE: 06/12/2023

Analysis ID No. 231672  
 TDA License No. 2020002  
 ISO/IEC No. 1055838  
 Purchase Order: 20230422  
 Page No. Page 1 of 2

CUSTOMER INFORMATION	SAMPLE INFORMATION
<b>Client Name:</b> Happy Hippo LLC	<b>Submitted Sample Name:</b> [REDACTED] 0423
<b>Address:</b> 1553 N. Milwaukee St. STE 131, Boise, ID 83704	<b>Submitted Sample Lot:</b> YMD
<b>Phone Number:</b> [REDACTED]	<b>Submitted Sample Description:</b> Green Powder in Pink Resealable Mylar Bag; Stored at RT
<b>Contact Name / Email:</b> [REDACTED] m	<b>Submitted Sample Product Type / Matrix:</b> Kratom Leaf / 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	1.241 w/w% 12.412 mg/g	Results Reported
Paynantheine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	0.233 w/w% 2.332 mg/g	Results Reported
Speciogynine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	0.200 w/w% 2.000 mg/g	Results Reported
Speciociliatine	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	0.444 w/w% 4.442 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	0.023 w/w% 0.232 mg/g	Results Reported
Total Alkaloids	UHPLC-DAD	0.01 w/w%	w/w%: Report Only mg/g: Report Only	2.142 w/w% 21.418mg/g	Results Reported

TESTING FACILITY INFORMATION	SAMPLE INFORMATION
<b>Santé Laboratories</b> 8201 East Riverside Drive, STE 650 Austin, Texas 78744 USA	<b>Santé Sample ID:</b> 231672 <b>Receipt Date:</b> 06/01/2023 / 02:45 PM CST / J.Leiva <b>Receipt Condition:</b> Good <b>Analysis Start Date:</b> 06/02/2023

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. ©2020 Santé Laboratories, LLC – All Rights Reserved

VERSION HISTORY		
Version	Effective Date	Summary of Changes
00	06/12/2023	Initial Release



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Page No. Page 2 of 2

## PRODUCT SAMPLE / IMAGE



## REVIEWED AND APPROVED BY

<p>DocuSigned by:  E49DDA845186484...</p> <hr/> <p><b>Yvonne Rivera</b> Data Management Specialist Santé Laboratories</p>	<p>12 June 2023   2:10:40 PM PDT</p> <hr/> <p>Date</p>
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