




CERTIFICATE OF ANALYSIS

Sample(s) Receipt Date(s):	10/29/2024	Batch(s):	B241029-1					
Received by:	JDR	Sample ID #:	2410-429					
Customer Name/ID:	Hyroxi	Date of Analysis/Testing:	11/6/2024					
Product/Sample Name	Hyroxie-Red Tablet-Psuedo	Lot #	374.33					
				Final Disposition	N/A	Method Group	Batch(s):	Date
Method Group	Analyte / Property	LOD (mg/g)	LOQ (mg/g)	Results (%)	Results (mg/g)	Results (mg/Unit)	Acceptance Criteria	N/A
Kratom Alkaloids	Mitragynine	0.125	0.2604	0.25%	2.48	1.53	N/A	
	7OH-Mitragynine	0.125	0.2604	0.03%	0.32	0.20		
	Paynantheine	0.125	0.2604	ND	N/A	N/A		
	Speciogynine	0.125	0.2604	ND	N/A			
	Speciosciltane	0.125	0.2604	0.01%	0.14	0.09	N/A	
	Mitraphyllyne	0.125	0.2604	ND	N/A	N/A		
	Isorhynchophylline	0.125	0.2604	ND	N/A			
Total Alkaloids				0.29%	2.93	1.82	N/A	

NOTES: <LOQ = Below limit of Quantitation / ND = Not Detected (Below limit of Detection (<LOD)) / 1µg/mL = 1ppm / 1000µg/mL = 1mg/mL / 1% = 10mg/g

Performed by/Date: _____


Checked by/Date: _____

Notes: This Certificate of analysis only reflects data for the samples indicated on this form, as received by NNA in a good condition. There have been no amendments to the data since publishing. This report contains all parts of the complete report.





CERTIFICATE OF ANALYSIS

Sample(s) Receipt Date(s):	10/29/2024	Batch(s):	B241029-1					
Received by:	JDR	Sample ID #:	2410-430					
Customer Name/ID:	Hyroxi	Date of Analysis/Testing:	11/6/2024					
Product/Sample Name	Hyroxie-Yellow Tablet-7OH	Lot #	347.01					
				Final Disposition	N/A	Method Group	Batch(s):	Date
Method Group	Analyte / Property	LOD (mg/g)	LOQ (mg/g)	Results (%)	Results (mg/g)	Results (mg/Unit)	Acceptance Criteria	N/A
Kratom Alkaloids	Mitragynine	0.125	0.2604	0.01%	0.15	0.10	N/A	
	7OH-Mitragynine	0.125	0.2604	0.13%	1.32	0.89		
	Paynantheine	0.125	0.2604	ND	N/A	N/A		
	Speciogynine	0.125	0.2604	ND	N/A			
	Speciosciltane	0.125	0.2604	ND	N/A			
	Mitraphyline	0.125	0.2604	ND	N/A			
	Isorhynchophylline	0.125	0.2604	ND	N/A			
Total Alkaloids				0.15%	1.47	0.99	N/A	

NOTES: <LOQ = Below limit of Quantitation / ND = Not Detected (Below limit of Detection (<LOD)) / 1µg/mL = 1ppm / 1000µg/mL = 1mg/mL / 1% = 10mg/g

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CERTIFICATE OF ANALYSIS

Sample(s) Receipt Date(s):	10/29/2024		Batch(s):	B241029-1				
Received by:	JDR		Sample ID #:	2410-431				
Customer Name/ID:	Hyroxi		Date of Analysis/Testing:	11/6/2024				
Product/ Sample Name	Hyroxie-Psuedo Shot	Lot #	451.99					
Final Disposition	N/A	Method Group	Method Name	Unit Size (mL)	Label Claim Value(s)	Label Claim Unit(s) & Analyte/ Property	Acceptance Criteria (±)	Disposition
		Kratom Alkaloids	WKI-03-0107 - Kratom Alkaloid Potency by HPLC	30	N/A			
Method Group	Analyte / Property	LOD (ug/mL)	LOQ (ug/mL)	Results (mg/mL)	Results (mg/Unit)	Lowest Accepted Value (mg/Unit)	Highest Accepted Value (mg/Unit)	Disposition
Kratom Alkaloids	Mitragynine	0.75	1.5625	0.13	3.75	N/A		
	7OH-Mitragynine	0.75	1.5625	ND	N/A			
	Paynantheine	0.75	1.5625	ND	N/A			
	Speciogynine	0.75	1.5625	ND	N/A			
	Specioscilitane	0.75	1.5625	0.01	0.21			
	Mitraphylene	0.75	1.5625	ND	N/A			
	Isorhynchophylline	0.75	1.5625	ND	N/A			
Total Alkaloids				0.13	3.96			

Performed by/Date: _____

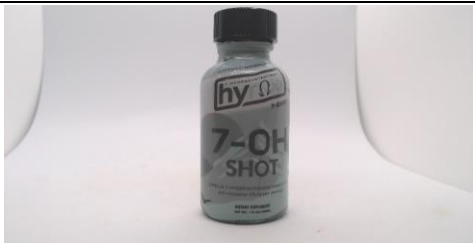
Checked by/Date: _____

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CERTIFICATE OF ANALYSIS

Sample(s) Receipt Date(s):	10/29/2024		Batch(s):	B241029-1				
Received by:	JDR		Sample ID #:	2410-432				
Customer Name/ID:	Hyroxi		Date of Analysis/Testing:	11/6/2024				
Product/ Sample Name	Hyroxie-7-OH Shot	Lot #	444.12					
Final Disposition	N/A	Method Group	Method Name	Unit Size (mL)	Label Claim Value(s)	Label Claim Unit(s) & Analyte/ Property	Acceptance Criteria (±)	Disposition
		Kratom Alkaloids	WKI-03-0107 - Kratom Alkaloid Potency by HPLC	30	N/A			
Method Group	Analyte / Property	LOD (ug/mL)	LOQ (ug/mL)	Results (mg/mL)	Results (mg/Unit)	Lowest Accepted Value (mg/Unit)	Highest Accepted Value (mg/Unit)	Disposition
Kratom Alkaloids	Mitragynine	0.75	1.5625	0.05	1.43	N/A		
	7OH-Mitragynine	0.75	1.5625	1.30	38.89			
	Paynantheine	0.75	1.5625	ND	N/A			
	Speciogynine	0.75	1.5625	ND	N/A			
	Specioscilitane	0.75	1.5625	ND	N/A			
	Mitraphylene	0.75	1.5625	ND	N/A			
	Isorhynchophylline	0.75	1.5625	ND	N/A			
Total Alkaloids				1.34	40.32			

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PharmLabs San Diego Certificate of Analysis



Sample **Hyroxi: Sublingual Pouches - Citrus**

Sample ID	SD240926-099 (99836)	Matrix	Edible
Sampled	-	Received	Sep 25, 2024
Analyses executed	KTM	Reported	Sep 30, 2024
		Serving Size (g)	0.44

Laboratory note: COA Update: Unit mass of sample received was 5.774g. Data reported is based on label claim/packaging weights 09/30/2024

KTM - Kratom Analysis

Analyzed Sep 30, 2024 | Instrument HPLC VWD | Method SOP-KTM

The expanded Uncertainty of the analysis is approximately ±7.81% at the 95% Confidence Level

Analyte	LOD ppm	LOQ ppm	Result %	Result mg/g	Result mg/Serving	Sample photography
7-hydroxy Mitragynine (7HMG)	0.008	0.025	1.59	15.90	7.00	
Mitragynine (MITG)	0.018	0.054	0.02	0.17	0.07	
Speciogynine (SPEG)	0.007	0.02	ND	ND	ND	
Speciociliatine (SPCL)	0.004	0.011	ND	ND	ND	

UI Unidentified
 ND Not Detected
 N/A Not Applicable
 NT Not Reported
 LOD Limit of Detection
 LOQ Limit of Quantification
 <LOQ Detected
 >ULOL Above upper limit of linearity
 CFU/g Colony Forming Units per 1 gram
 TNTC Too Numerous to Count



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 DEA license: RP0611043
 ISO/IEC 17025:2017 Acc. L17-427-1



Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager
 Mon, 30 Sep 2024 12:45:07 -0700

PharmLabs San Diego | 3421 Hancock St, Second Floor, San Diego, CA 92110 | 619.356.0898 | ISO/IEC 17025:2017 Acc. L17-427-1

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PharmLabs San Diego Certificate of Analysis



Sample **Hydroxi: Sublingual Pouches - Cool Mint**

Sample ID	SD240926-100 (99837)	Matrix	Edible
Sampled	-	Received	Sep 25, 2024
Analyses executed	KTM	Reported	Sep 30, 2024
		Serving Size (g)	0.44

Laboratory note: COA Update: Unit mass of sample received was 5.97g. Data reported is based on label claim/packaging weights 9/30/24

KTM - Kratom Analysis

Analyzed Sep 30, 2024 | Instrument HPLC VWD | Method SOP-KTM

The expanded Uncertainty of the analysis is approximately ±7.81% at the 95% Confidence Level

Analyte	LOD ppm	LOQ ppm	Result %	Result mg/g	Result mg/Serving	Sample photography
7-hydroxy Mitragynine (7HMG)	0.008	0.025	1.64	16.37	7.20	
Mitragynine (MITG)	0.018	0.054	0.04	0.38	0.17	
Speciogynine (SPEG)	0.007	0.02	ND	ND	ND	
Speciocilatine (SPCL)	0.004	0.011	ND	ND	ND	

UI Unidentified
 ND Not Detected
 N/A Not Applicable
 NT Not Reported
 LOD Limit of Detection
 LOQ Limit of Quantification
 <LOQ Detected
 >ULOL Above upper limit of linearity
 CFU/g Colony Forming Units per 1 gram
 TNTC Too Numerous to Count



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 DEA license: RP0611043
 ISO/IEC 17025:2017 Acc. L17-427-1



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Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager
 Mon, 30 Sep 2024 12:45:08 -0700


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CERTIFICATE OF ANALYSIS

Sample(s) Receipt Date(s):	6/28/2024	Batch(s):	B240628-1					
Received by:	JDR	Sample ID #:	2406-062					
Customer Name/ID:	Hyroxi	Date of Analysis/Testing:	7/1/2024					
Product/Sample Name	Hyroxi-Large Tablet	Lot #	23881					
Final Disposition	N/A	Method Group	Batch(s):	Date	Unit Weight (g)	Concentration (mg 7OH-Mit/Unit)	Kratom [7OH-Mit] g/g(%)	Disposition
		Kratom Alkaloids	WKI-03-0107	7/1/2024	0.6299	18	1.80%	
Method Group	Analyte / Property	LOD (mg/g)	LOQ (mg/g)	Results (%)	Results (mg/g)	Results (mg/Unit)	Acceptance Criteria	N/A
Kratom Alkaloids	Mitragynine	0.125	0.2604	0.26%	2.64	1.67	N/A	
	7OH-Mitragynine	0.125	0.2604	2.72%	27.24	17.16		
	Paynantheine	0.125	0.2604	ND	N/A	N/A		
	Speciogynine	0.125	0.2604	ND	N/A			
	Specioscilitane	0.125	0.2604	ND	N/A			
	Mitraphyline	0.125	0.2604	ND	N/A			
	Isorhynchophylline	0.125	0.2604	ND	N/A			
Total Alkaloids				2.99%	29.88	18.82	N/A	

NOTES: <LOQ = Below limit of Quantitation / ND = Not Detected (Below limit of Detection (<LOD)) / 1µg/mL = 1ppm / 1000µg/mL = 1mg/mL / 1% = 10mg/g

Jake Rubenstein

Performed by/Date:

Digitally signed by Jake Rubenstein

Date: 2024.07.02 19:47:58 -07'00'

Rebecca Dobkins

Checked by/Date:

Digitally signed by Rebecca Dobkins

Date: 2024.07.02 19:48:13 -07'00'

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