



CERTIFICATE OF ANALYSIS

Sample(s) Receipt Date(s):	9/9/2026	Batch(s):	B260909-1						
Received by:	XH	Sample ID #:	2609-073						
Customer Name/ID:	ZOOK'D	Date of Analysis/Testing:	9/9/2026						
Product/ Sample Name	Big 50 Blend	Lot #	N/A						
Final Disposition	N/A	Method Group	Method ID	Date	Unit Weight (g)	Analyte	Concentration (mg/Unit)	Concentration (mg/g)	Disposition
		Kratom Alkaloids	WKI-03-0107 HPLC/DAD	9/9/2026	0.4954	N/A			
		Akuammine	HPLC/DAD			Pseudo-akuammigine**	N/A		
Method Group	Analyte / Property	LOD (mg/g)	LOQ (mg/g)	Results (%)	Results (mg/g)	Results (mg/Unit)		Acceptance Criteria	Disposition
Kratom Alkaloids	Mitragynine	0.1071	0.2153	ND	N/A	N/A			
	Mitragynine Pseudoindoxyl	0.1422	0.6000	ND	N/A				
	7OH-Mitragynine	0.2153	0.4329	ND	N/A				
	Paynantheine	0.1889	0.8867	ND	N/A				
	Speciogynine	0.1071	0.2153	ND	N/A				
	Speciociliatine	0.1071	0.2153	ND	N/A				
	Mitraphylline	0.1071	0.2153	ND	N/A				
	MGM-15*	0.1756	0.7000	ND	N/A				
	MGM-16*	0.1738	0.3489	ND	N/A				
Total Alkaloids				0.00%	0.00	0.00		N/A	
Method Group	Analyte / Property	LOD (mg/g)	LOQ (mg/g)	Results (%)	Results (mg/g)	Results (mg/Unit)		Acceptance Criteria	Disposition
Akuamma Alkaloids**	Akuammine**	0.2014	0.2014	ND	N/A	N/A			
	Pseudoakuammigine**	0.1570	0.3116	0.45%	4.49				

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

Xavier Hung

Performed by/Date:

Digitally signed by Xavier Hung
 Date: 2026.09.09 16:43:02 -07'00'

Nicole Ramos

Checked by/Date:

Digitally signed by Nicole Ramos
 Date: 2026.09.09 16:43:32 -07'00'

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.
 *Dihydro-7-hydroxy Mitragynine (MGM-15) reported on this CoA has had its method validated by NN Analytics, but not by ANAB, and is therefore not an ISO17025 accredited work item. All other analytes are included on NN Analytics' ISO17025 scope, and are accredited work items.
 Akuammine and Pseudoakuammigine reported on this COA with double asterisks () has had its method validated by NN Analytics, but not by ANAB, and is therefore not an ISO17025 accredited work item.

