



CERTIFICATE OF ANALYSIS

Sample(s) Receipt Date(s):	9/8-18/2026		Batch(s):	B260908-2 & B260918-3					
Received by:	NR		Sample ID #:	2609-173					
Customer Name/ID:	Pop Roxy		Date of Analysis/Testing:	9/8-18/2026					
Product/ Sample Name	Concentrated Nano Akuammine Extract - Watermelon Burst	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	9/18/2026	0.7601	N/A			
		Akuammine	HPLC/DAD	9/8/2026		Akuammine	200	263.1	N/A
Method Group	Analyte / Property	LOD (mg/g)	LOQ (mg/g)	Results (%)	Results (mg/g)	Results (mg/Unit)		Acceptance Criteria	Disposition
Kratom Alkaloids via HPLC/DAD WKI-03-0107	Mitragynine	0.1071	0.2153	ND	N/A	N/A		N/A	
	Mitragynine Pseudoindoxyl	0.1422	0.6000	ND	N/A	N/A		N/A	
	7OH-Mitragynine	0.2153	0.4329	ND	N/A	N/A		N/A	
	Paynantheine	0.1889	0.8867	ND	N/A	N/A		N/A	
	Speciogynine	0.1071	0.2153	ND	N/A	N/A		N/A	
	Speciociliatine	0.1071	0.2153	ND	N/A	N/A		N/A	
	Mitraphylline	0.1071	0.2153	ND	N/A	N/A		N/A	
	MGM-15*	0.1756	0.7000	ND	N/A	N/A		N/A	
	MGM-16*	0.1738	0.3489	ND	N/A	N/A		N/A	
	9-OH Corynantheidine*	0.1827	0.3649	ND	N/A	N/A		N/A	
	7-Acetoxymitragynine*	0.3651	0.3651	ND	N/A	N/A		N/A	
	SR-17018*	0.8644	0.8644	ND	N/A	N/A		N/A	
	DSR-2*	0.8822	0.8778	ND	N/A	N/A		N/A	
	Mitraciliatine*	N/A	N/A	ND	N/A	N/A		N/A	
	Ajmalicine*	N/A	N/A	ND	N/A	N/A		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		N/A	
	Pseudoakuammigine**	0.1570	0.3116	ND	N/A	N/A			
	Total Alkaloids				0.00%	0.00	0.00		N/A
NOTES: <LOQ = Below limit of Quantitation / ND = Not Detected (Below limit of Detection (<LOD)) / 1ug/mL = 100m / 1000ug/mL = 1mg/mL / 1% = 10mg/g									

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: 2026.09.18 21:19:38 -07'00'

Rebecca Dobkins

Checked by/Date:

Digitally signed by Rebecca Dobkins
Date: 2026.09.18 21:20:00 -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), 10-fluoro dihydro-7-hydroxy Mitragynine (MGM-16), 9-OH Corynantheidine (9-O-Desmethyl Mitragynine), 7-Acetoxymitragynine, 5,6-dichloro Desmethylchlorphine (SR-17018), 5-chloro Desmethyl Chlorphine (DSR-2), mitraciliatine, and ajmalicine 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 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.

