NN Analytics
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CERTIFICATE OF ANALYSIS

Sample(s) Receipt Date(s):	9/8-18/2026	**Batch(s):**	B260908-2 & B260918-3
Received by:	NR	**Sample ID #:**	2609-174
Customer Name/ID:	Pop Roxy	**Date of Analysis/Testing:**	9/8-18/2026
Product/ Sample Name	Concentrated Nano Akuammine Extract - Pop Rocket	**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	0.7643	N/A			
		Akuammine	HPLC/DAD	9/8/2026		Akuammine	200	261.7	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)) / 1µg/mL = 1ppm / 1000µg/mL = 1mg/mL / 1% = 10mg/g

Performed by/Date: Jake Rubenstein — Digitally signed by Jake Rubenstein Date: 2026.09.18 21:18:00 -07'00'

Checked by/Date: Rebecca Dobkins — Digitally signed by Rebecca Dobkins Date: 2026.09.18 21:20:28 -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.

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