




CERTIFICATE OF ANALYSIS

Sample(s) Receipt Date(s):	9/5/2025	Batch(s):	8250905-1						
Received by:	LC	Sample ID #:	2509-056						
Customer Name/ID:	GSMK GROUP, LLC	Date of Analysis/Testing	9/5/2025						
Product/ Sample Name	Fizzy-Peach Mango Shot	Lot #	N/A						
Final Disposition	N/A	Method Group	Method ID	Date	Unit Volume (mL)	Analyte	Concentration (mg/Unit)	Concentration (mg/mL)	Disposition
		Kratom Alkaloids	WKI-03-0107	9/5/2025	60	Mitragynine & Mitragynine Pseudoindoxyl	35	0.58	N/A
		Kavalactones	WKI-03-0111	9/5/2025	60	Kavalactones	150	2.50	N/A
Method Group	Analyte / Property	LOD (mg/mL)	LOQ (mg/mL)	Results (mg/mL)	Results (mg/Unit)	Acceptance Criteria	Disposition		
Kratom Alkaloids	Mitragynine	0.0125	0.02604	0.244	14.65	N/A			
	Mitragynine Pseudoindoxyl*	0.0125	0.02604	0.421	25.25				
	7OH-Mitragynine	0.0125	0.02604	ND	N/A				
	Paynantheine	0.0125	0.02604	<LOQ					
	Speciogynine	0.0125	0.02604	<LOQ					
	Speciociliatine	0.0125	0.02604	0.028	1.65	N/A			
	Mitraphylline	0.0125	0.02604	ND	N/A				
	Isorhynchophylline	0.0125	0.02604	ND					
Total Alkaloids			0.69	41.55	N/A				
Method Group	Analyte / Property	LOD (mg/mL)	LOQ (mg/mL)	Results (mg/mL)	Results (mg/Unit)	Acceptance Criteria	Disposition		
Kavalactones	Yangonin	3.31	3.31	0.12	7.30	N/A			
	Desmethoxyyangonin	3.24	3.24	0.15	8.94				
	Methysticin	1.45	1.45	0.41	24.32				
	Dihydromethysticin	1.78	1.78	0.38	23.08				
	Kavain	1.58	1.58	1.40	83.99				
	Total Lactones			2.46	147.64				

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

Luda Chumakova

Digitally signed by Luda Chumakova
 Date: 2025.09.10 10:11:28 -07'00'

Performed by/Date:

Nicole Ramos

Digitally signed by Nicole Ramos
 Date: 2025.09.10 11:12:35 -07'00'

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.

*Mitragynine pseudoindoxyl 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.