



CERTIFICATE OF ANALYSIS

Sample(s) Receipt Date(s):	3/12/2026	Batch(s):	B260312-3
Received by:	LC	Sample ID #:	2603-281
Customer Name/ID:	Test My Kratom (TMK)	Date of Analysis/Testing:	3/12/2026

Product/ Sample Name	Opia 150mg Strawberry Watermelon MIT tablet	Lot #	2026-03
-----------------------------	---	--------------	---------




Final Disposition	PASS	Method Group	Method ID	Date	Unit Weight (g)	Analyte	Concentration (mg/Unit)	Concentration (mg/g)	Disposition
		Kratom Alkaloids	WKI-03-0107 HPLC/DAD	3/12/2026	0.7020	Mitragynine	150	214	N/A
		Volatile Solvents	GC/MS	3/16/2026		N/A			PASS

Method Group	Analyte / Property	LOD (mg/g)	LOQ (mg/g)	Results (%)	Results (mg/g)	Results (mg/Unit)	Acceptance Criteria	Disposition
Kratom Alkaloids	Mitragynine	0.125	0.2604	7.89%	78.86	55.36	N/A	N/A
	Mitragynine Pseudoindoxyl	0.125	0.2604	0.28%	2.85	2.00		
	7OH-Mitragynine	0.125	0.2604	1.23%	12.26	8.61		
	Paynantheine	0.125	0.2604	0.24%	2.38	1.67		
	Speciogynine	0.125	0.2604	0.12%	1.22	0.85		
	Speciociliatine	0.125	0.2604	0.05%	0.46	0.33		
	Mitrephylline	0.125	0.2604	ND	N/A	N/A		
	Isorhynchophylline	0.125	0.2604	ND	N/A			
Total Alkaloids				9.80%	98.03	68.82	N/A	

Method Group	Analyte / Property	LOD (µg/g)	LOQ (µg/g)	Results (µg/g)	Results (µg/Unit)	Limit Amount (µg/g)	Disposition
Volatile Solvents (Category 1)	1,2-Dichloroethane	0.170	0.509	ND	N/A	1	PASS
	Benzene	0.021	0.064	ND	N/A	1	PASS
	Chloroform	0.036	0.108	ND	N/A	1	PASS
	Ethylene Oxide	0.153	0.579	ND	N/A	1	PASS
	Methylene Chloride	0.127	0.729	ND	N/A	1	PASS
	Trichloroethene	0.018	0.145	ND	N/A	1	PASS
Volatile Solvents (Category 2)	Acetone	17.082	51.246	ND	N/A	5000	PASS
	Acetonitrile	0.120	0.359	ND	N/A	410	PASS
	Butane	0.971	4.849	ND	N/A	5000	PASS
	Ethanol	2.614	7.843	ND	N/A	5000	PASS
	Ethyl Acetate	0.313	2.288	ND	N/A	5000	PASS
	Diethyl Ether	1.183	3.548	ND	N/A	5000	PASS
	Heptane	0.687	2.859	ND	N/A	5000	PASS
	Hexane	0.066	0.281	ND	N/A	290	PASS
	Isopropanol	1.280	3.840	ND	N/A	5000	PASS
	Methanol	2.972	8.917	460	655	3000	PASS
	Pentane	0.962	4.271	ND	N/A	5000	PASS
	Propane	4.434	13.302	ND	N/A	5000	PASS
Toluene	0.088	0.864	ND	N/A	890	PASS	
Xylenes (-m + -o + -p)	0.216	2.572	ND	N/A	2170	PASS	

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. Rev1 adds the results from volatile solvents testing. This report contains all parts of the complete report.

