



CERTIFICATE OF ANALYSIS

Sample(s) Receipt Date(s):	12/30/2025		Batch(s):	B260105-4					
Received by:	LC		Sample ID #:	2601-040					
Customer Name/ID:	Test My Kratom (TMK)		Date of Analysis/Testing:	1/5/2026					
Product/ Sample Name	Real Botanicals 40mg 7-OH tablet	Lot #	2025-12						
									
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	1/5/2026	0.5136	7OH-Mitragynine	40	77.88	N/A
		Volatile Solvents	GC/MS	1/7/2026		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	0.07%	0.68	0.35		N/A	
	Mitragynine Pseudoindoxyl	0.125	0.2604	0.31%	3.07	1.58			
	7OH-Mitragynine	0.125	0.2604	7.52%	75.22	38.63			
	Paynantheine	0.125	0.2604	0.05%	0.47	0.24			
	Speciogynine	0.125	0.2604	0.05%	0.50	0.26			
	Speciociliatine	0.125	0.2604	0.14%	1.36	0.70			
	Mitraphylline	0.125	0.2604	0.17%	1.71	0.88			
	Isorhynchophylline	0.125	0.2604	ND	N/A	N/A			
Total Alkaloids				8.30%	83.00	42.63		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
Volatile Solvents (Category 2)	Trichloroethene	0.018	0.145	ND		N/A		1	PASS
	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	<LOQ		N/A		5000	PASS
	Ethyl Acetate	0.313	2.288	949		487		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	103		52.9		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									

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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 contains consolidated report and included combined Kratom Alkaloids and Volatile Solvents data. This report contains all parts of the complete report.

