



# CERTIFICATE OF ANALYSIS

Sample(s) Receipt Date(s):	3/12/2026	Batch(s):	B260312-3
Received by:	LC	Sample ID #:	2603-283
Customer Name/ID:	Test My Kratom (TMK)	Date of Analysis/Testing:	3/12/2026

<b>Product/ Sample Name</b>	Limitless 100mg Mango 7-OH tablet	<b>Lot #</b>	2026-03
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Final Disposition	Method Group	Method ID	Date	Unit Weight (g)	Analyte	Concentration (mg/Unit)	Concentration (mg/g)	Disposition
PASS	Kratom Alkaloids	WKI-03-0107 HPLC/DAD	3/12/2026	0.5280	7OH-Mitragynine	100	189	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	0.11%	1.11	0.59	N/A	PASS	
	Mitragynine Pseudoindoxyl	0.125	0.2604	0.31%	3.14	1.66			
	7OH-Mitragynine	0.125	0.2604	16.84%	168.41	88.92			
	Paynantheine	0.125	0.2604	0.06%	0.63	0.33			
	Speciogynine	0.125	0.2604	0.11%	1.06	0.56			
	Speciociliatine	0.125	0.2604	0.35%	3.48	1.84			
	Mitraphylline	0.125	0.2604	<LOQ	N/A	N/A			
	Isorhynchophylline	0.125	0.2604	ND	N/A	N/A			
	MGM-15*	0.125	0.2604	1.08%	10.81	5.71			N/A
<b>Total Alkaloids</b>			<b>18.86%</b>	<b>188.63</b>	<b>99.60</b>	<b>N/A</b>			

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	151	286	5000	PASS
	Ethyl Acetate	0.313	2.288	223	422	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	807	1528	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.

\*Dihydro-7-hydroxy Mitragynine (MGM-15) and isoquinoline alkaloids reported with an asterisk (\*) on this COA have had their method validated by NN Analytics, but not by ANAB, and is therefore not an ISO17025 accredited work item.

