




CERTIFICATE OF ANALYSIS

Sample(s) Receipt Date(s):	3/2/2026	Batch(s):	B260302-5
Received by:	NR	Sample ID #:	2603-028
Customer Name/ID:	Test My Kratom (TMK)	Date of Analysis/Testing:	3/3/2026

Product/ Sample Name	Smurph's 50mg Mixed Berry 7-OH tablet	Lot #	2026-03	
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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	3/3/2026	0.7252	7OH-Mitragynine	50	69	N/A
		Kratom Alkaloids	WKI-03-0102 GC/MS	3/4/2026		N/A			
		Volatile Solvents	GC/MS	3/5/2026		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	ND	N/A	N/A		
	Mitragynine Pseudoindoxyl	0.125	0.2604	0.47%	4.71	3.41		N/A
	7OH-Mitragynine	0.125	0.2604	5.24%	52.42	38.01		N/A
	Paynantheine	0.125	0.2604	0.03%	0.30	0.22		N/A
	Speciogynine	0.125	0.2604	<LOQ	N/A	N/A		
	Speciociliatine	0.125	0.2604	0.05%	0.47	0.34		N/A
	Mitraphylline	0.125	0.2604	ND	N/A	N/A		
	Isorhynchophylline	0.125	0.2604	ND	N/A	N/A		
	MGM-15	0.125	0.2604	ND	N/A	N/A		N/A
Total Alkaloids				5.79%	57.90	41.99		N/A

Kratom Alkaloids WKI-03-0102 GC/MS	Mitragynine**	N/A	N/A	ND	N/A	N/A		
	Mitragynine Pseudoindoxyl**	N/A	N/A	Detected	N/A	N/A		
	7OH-Mitragynine**	N/A	N/A	Detected	N/A	N/A		
	Paynantheine**	N/A	N/A	Detected	N/A	N/A		
	Speciogynine**	N/A	N/A	Detected	N/A	N/A		
	Speciociliatine**	N/A	N/A	Detected	N/A	N/A		
	Mitraphylline**	N/A	N/A	ND	N/A	N/A		
	Isorhynchophylline**	N/A	N/A	ND	N/A	N/A		
	Rhynchophylline**	N/A	N/A	ND	N/A	N/A		
	MGM15**	N/A	N/A	ND	N/A	N/A		
Total Alkaloids								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	121	87.7	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	105	76.1	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. 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.
 All analytes on WKI-03-0102 Kratom Alkaloids by GC/MS reported on this COA with a double asterisk () have had their method validated by NN Analytics, but not by ANAB, and is therefore not an ISO17025 accredited work item.

