NN Analytics
10064 Mesa Ridge Ct. #208
San Diego, CA 92121
www.NNAnalytics.com
Info@NNAnalytics.com
(858) 256-7620

CERTIFICATE OF ANALYSIS

Sample(s) Receipt Date(s):	1/17/2025	**Batch(s):**	B250117-5
Received by:	JDR	**Sample ID #:**	2501-416
Customer Name/ID:	7Tabz Distribution	**Date of Analysis/Testing:**	1/17/2025 - 2/3/2025
Product/ Sample Name	7Hydroxy Tablets-Grape	**Lot #**	120324

Final Disposition	**Method Group**	**Method ID**	**Date**	**Unit Weight (g)**	**Analyte**	**Concentration (mg/Unit)**	**Concentration (mg/g)**	**Disposition**
PASS	Kratom Alkaloids		2/3/2025	0.6433	7OH-Mitragynine	15	2.33%	N/A
	Volatile Solvents		1/21/2025					
	Heavy Metals		1/20/2025					
	Microbials		1/22/2025					

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	0.12%	1.17	0.75	N/A	
	Mitragynine Pseudoindoxyl*	0.125	0.2604	0.09%	0.85	0.55		
	7OH-Mitragynine	0.125	0.2604	2.47%	24.66	15.87		
	Paynantheine	0.125	0.2604	ND	N/A	N/A		
	Speciogynine	0.125	0.2604	ND	N/A			
	Specioscilitane	0.125	0.2604	ND	N/A			
	Mitraphyline	0.125	0.2604	ND	N/A			
	Isorhynchophyline	0.125	0.2604	ND	N/A			
	Total Alkaloids			**2.67%**	**26.68**	**17.16**	N/A	

Method Group	**Analyte / Property**	**LOD (mg/g)**	**LOQ (mg/g)**	**Results (ug/g)**	**Results (ug/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	8.65	N/A	5000	PASS
	Ethyl Acetate	0.313	2.288	434	279	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	<LOQ	N/A	290	PASS
	Isopropanol	1.280	3.840	ND	N/A	5000	PASS
	Methanol	2.972	8.917	218	140	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

Method Group	**Analyte / Property**	**LOD (mg/g)**	**LOQ (mg/g)**	**Results (ug/g)**	**Results (ug/Unit)**	**Limit Amount (µg/g)**	**Disposition**
Heavy Metals	Arsenic	0.003	0.009	<LOQ	N/A	0.2	PASS
	Cadmium	0.001	0.002	<LOQ	N/A	0.2	PASS
	Lead	0.001	0.004	0.0381	0.0245	0.5	PASS
	Mercury	0.005	0.014	ND	N/A	1	PASS

Method Group	**Analyte / Property**	**LOD (CFU/g)**	**LOQ (CFU/g)**	**Results (CFU/g)**	**Results (ug/Unit)**	**Limit Amount (CFU/g)**	**Disposition**
Microbiological	Aerobic Plate Count	10	10	ND	N/A	N/A	PASS
	Total Coliform Bacteria	10	10	ND	N/A	N/A	PASS
	E. Coli	10	10	ND	N/A	N/A	PASS
	Yeast & Mold	10	10	ND	N/A	N/A	PASS
	Salmonella spp.	10	10	ND	N/A	N/A	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: Jake Rubenstein
Digitally signed by Jake Rubenstein
Date: 2025.02.10 15:46:31 -08'00'

Checked by/Date: Rebecca Dobkins
Digitally signed by Rebecca Dobkins
Date: 2025.02.10 15:49:44 -08'00'

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 Volatile Solvents, Heavy Metals, and Microbials data reported above. Rev 2 updates the Kratom Alkaloids section with a full retest. 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.

ANAB ANSI National Accreditation Board ACCREDITED ISO/IEC 17025 TESTING LABORATORY