




# CERTIFICATE OF ANALYSIS

Sample(s) Receipt Date(s):	11/12/2024	Batch(s):	8241112-9
Received by:	JDR	Sample ID #:	2411-158
Customer Name/ID:	7TABZ Distribution	Date of Analysis/Testing:	11/19/2024 - 11/27/24

<b>Product/Sample Name</b>	Pseudo+7Hydroxy	<b>Lot #</b>	21124	
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Final Disposition	PASS	Method Group		Date	Unit Weight (g)	Concentration (mg 7OH-Mit/Unit)	Kratom [7OH-Mit] g/g%	Disposition
		Kratom Alkaloids		11/19/2024	0.7240	15	2.07%	N/A
		Volatile Solvents		11/22/2024				PASS
		Heavy Metals		11/22/2024				PASS
Microbiological		11/27/2024	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	0.09%	0.89	0.64	N/A	PASS
	7OH-Mitragynine	0.125	0.2604	1.41%	14.11	10.22		
	Paynantheine	0.125	0.2604	ND	N/A		N/A	PASS
	Speciogynine	0.125	0.2604	0.03%	0.35	0.25		
	Specioscilitane	0.125	0.2604	0.02%	0.23	0.16	N/A	PASS
	Mitraphylline	0.125	0.2604	ND	N/A			
	Isorhynchophylline	0.125	0.2604	ND	N/A		N/A	PASS
	<b>Total Alkaloids</b>			<b>1.56%</b>	<b>15.57</b>	<b>11.27</b>		

Method Group	Analyte / Property	LOD (mg/g)	LOQ (mg/g)	Results (ug/g)	Results (ug/Unit)	Limit Amount (ug/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	58.4	42.3	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	163	118	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	408	295	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	<LOQ	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 (ug/g)	Disposition
Heavy Metals	Arsenic	0.003	0.009	0.0676	0.0489	0.2	PASS
	Cadmium	0.001	0.002	0.0441	0.0319	0.2	PASS
	Lead	0.001	0.004	0.0358	0.0259	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 (CFU/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	10	10	NOT TESTED	N/A	N/A	N/A

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. There have been no amendments to the data since publishing. This report contains all parts of the complete report.

