

	C	CERTIF	ICATE	OF /	ANALY	SIS		
Sample(s) Receipt Date(s):	12/17/2024 & 1	2/26/2024	Batch(s):	B241217-4 & B241226-1				
Received by:	JDR		Sample ID #:	2412-232 & 2412-364				
Customer Name/ID:	Savage Enterprises		Date of Analysis/Testing:	12/30/24 - 1/2/25				
Product/Sample Name	PureOHMS Sweet Grape	Lot #	N/A					
Final Disposition	PASS	Method Group		Date		Unit Weight (g)	Disposition	
		Kratom Alkaloids		12/17/2024		0.3444	N/A	
		Volatile Solvents Heavy Metals Microbiological		12/31/2024 12/30/2024 1/2/2025			PASS PASS PASS	
	Mitragynine	0.125	0.2604	0.11%	1.08	0.37	ontena	
, ŀ	Mitragynine Pseudoindoxyl*	0.125	0.2604	0.10%	0.96	0.33	N/A	
	70H-Mitragynine	0.125	0.2604	5.68%	56.81	19.56		
. -	Paynantheine	0.125	0.2604	ND	N/A	N/A		
Kratom Alkaloids	Speciogynine	0.125	0.2604	0.03%	0.28	0.10		
	Specioscilitane	0.125	0.2604	0.07%	0.67	0.23	N/A	
	Mitraphyline	0.125	0.2604	ND	N/A			
	Isorhynchophyline	0.125	0.2604	ND	N/A		N/A	
	Total Alkaloids			5.98%	59.80	20.59	N/A	
Mathead Onesis				D	···· (B B C B B	Limit Amount	
Method Group	Analyte / Property 1,2-Dichloroethane	LOD (mg/g) 0.170	LOQ (mg/g) 0.509	Results (ug/g)		Results (ug/Unit) N/A	(μg/g) 1	Disposition PASS
, F	Benzene	0.021	0.064	ND		N/A	1	PASS
Volatile Solvents (Category	Chloroform	0.036	0.108	0.044		0.015	1	PASS
1)	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
	Acetone	17.082	51.246	ND		N/A N/A		PASS
							5000	
		0 1 2 0	0.250				5000	
	Acetonitrile	0.120	0.359		ND	N/A	410	PASS
-	Butane	0.971	4.849		ND ND	N/A N/A	410 5000	PASS PASS
-	Butane Ethanol	0.971 2.614	4.849 7.843		ND ND 61.1	N/A N/A 21.0	410 5000 5000	PASS PASS PASS
- - -	Butane Ethanol Ethyl Acetate	0.971 2.614 0.313	4.849 7.843 2.288		ND ND	N/A N/A 21.0 277	410 5000 5000 5000	PASS PASS
Volatile Solvents (Category	Butane Ethanol Ethyl Acetate Diethyl Ether	0.971 2.614 0.313 1.183	4.849 7.843 2.288 3.548		ND ND 61.1 804 ND	N/A N/A 21.0 277 N/A	410 5000 5000 5000 5000	PASS PASS PASS PASS
Volatile Solvents (Category	Butane Ethanol Ethyl Acetate Diethyl Ether Heptane	0.971 2.614 0.313 1.183 0.687	4.849 7.843 2.288 3.548 2.859		ND ND 61.1 804 ND ND	N/A N/A 21.0 277 N/A N/A	410 5000 5000 5000 5000 5000	PASS PASS PASS PASS PASS PASS
Volatile Solvents (Category 2)	Butane Ethanol Ethyl Acetate Diethyl Ether Heptane Hexane	0.971 2.614 0.313 1.183 0.687 0.066	4.849 7.843 2.288 3.548 2.859 0.281		ND ND 61.1 804 ND ND ND	N/A N/A 21.0 277 N/A N/A N/A	410 5000 5000 5000 5000 5000 290	PASS PASS PASS PASS PASS PASS PASS
	Butane Ethanol Ethyl Acetate Diethyl Ether Heptane Hexane Isopropanol	0.971 2.614 0.313 1.183 0.687 0.066 1.280	4.849 7.843 2.288 3.548 2.859 0.281 3.840		ND ND 61.1 804 ND ND 25.4	N/A N/A 21.0 277 N/A N/A N/A 8.75	410 5000 5000 5000 5000 5000 290 5000	PASS PASS PASS PASS PASS PASS PASS PASS
	Butane Ethanol Ethyl Acetate Diethyl Ether Heptane Hexane Isopropanol Methanol	0.971 2.614 0.313 1.183 0.687 0.066 1.280 2.972	4.849 7.843 2.288 3.548 2.859 0.281 3.840 8.917		ND ND 61.1 804 ND ND ND 25.4 17.1	N/A N/A 21.0 277 N/A N/A N/A 8.75 5.89	410 5000 5000 5000 5000 5000 290 5000 3000	PASS PASS PASS PASS PASS PASS PASS PASS
	Butane Ethanol Ethyl Acetate Diethyl Ether Heptane Hexane Isopropanol Methanol Pentane	0.971 2.614 0.313 1.183 0.687 0.066 1.280 2.972 0.962	4.849 7.843 2.288 3.548 2.859 0.281 3.840 8.917 4.271		ND ND 61.1 804 ND ND 25.4	N/A N/A 21.0 277 N/A N/A N/A 8.75 5.89 N/A	410 5000 5000 5000 5000 5000 290 5000	PASS PASS PASS PASS PASS PASS PASS PASS
	Butane Ethanol Ethyl Acetate Diethyl Ether Heptane Hexane Isopropanol Methanol Pentane Propane	0.971 2.614 0.313 1.183 0.687 0.066 1.280 2.972 0.962 4.434	4.849 7.843 2.288 3.548 2.859 0.281 3.840 8.917 4.271 13.302		ND ND 61.1 804 ND ND 25.4 17.1 ND	N/A N/A 21.0 277 N/A N/A N/A 8.75 5.89 N/A N/A N/A	410 5000 5000 5000 5000 290 5000 3000 5000 5000	PASS PASS PASS PASS PASS PASS PASS PASS
	Butane Ethanol Ethyl Acetate Diethyl Ether Heptane Isopropanol Methanol Pentane Propane Toluene	0.971 2.614 0.313 1.183 0.687 0.066 1.280 2.972 0.962 4.434 0.088	4.849 7.843 2.288 3.548 2.859 0.281 3.840 8.917 4.271 13.302 0.864		ND ND 61.1 804 ND ND 25.4 17.1 ND ND ND	N/A N/A 21.0 277 N/A N/A N/A 8.75 5.89 N/A N/A N/A N/A	410 5000 5000 5000 5000 290 5000 3000 5000 5000 890	PASS PASS PASS PASS PASS PASS PASS PASS
	Butane Ethanol Ethyl Acetate Diethyl Ether Heptane Hexane Isopropanol Methanol Pentane Propane	0.971 2.614 0.313 1.183 0.687 0.066 1.280 2.972 0.962 4.434	4.849 7.843 2.288 3.548 2.859 0.281 3.840 8.917 4.271 13.302	Res	ND ND 61.1 804 ND ND 25.4 17.1 ND ND ND 48.3	N/A N/A 21.0 277 N/A N/A N/A 8.75 5.89 N/A N/A N/A	410 5000 5000 5000 5000 290 5000 5000 5000 5000 5000 890 2170 Limit Amount	PASS PASS PASS PASS PASS PASS PASS PASS
2)	Butane Ethanol Ethyl Acetate Diethyl Ether Heytane Isopropanol Methanol Pentane Propane Toluene Xylenes (-m + -o + -p)	0.971 2.614 0.313 1.183 0.687 0.066 1.280 2.972 0.962 4.434 0.088 0.216	4,849 7,843 2,288 3,548 2,859 0,281 3,840 8,917 4,271 13,302 0,864 2,572	Res	ND ND 61.1 61.1 804 ND ND 25.4 17.1 ND ND ND 3.95	N/A N/A 21.0 277 N/A N/A N/A 8.75 5.89 N/A N/A N/A N/A N/A 1.36	410 5000 5000 5000 5000 290 5000 3000 5000 5000 5000 890 2170	PASS PASS PASS PASS PASS PASS PASS PASS
2) Method Group	Butane Ethanol Ethyl Acetate Diethyl Ether Heytane Isopropanol Methanol Pentane Propane Toluene Xylenes (-m + -o + -p) Analyte / Property	0.971 2.614 0.313 1.183 0.687 0.066 1.280 2.972 2.972 0.962 4.434 0.088 0.216 LOD (mg/g)	4,849 7,843 2,288 3,548 2,859 0,281 3,840 8,917 4,271 13,302 0,864 2,572 LOQ (mg/g)	Res	ND ND 61.1 804 ND ND 25.4 17.1 ND 48.3 3.95 wtts (ug/g)	N/A N/A 21.0 277 N/A N/A N/A N/A N/A N/A N/A N/A 1.36 Results (ug/Unit)	410 5000 5000 5000 5000 290 5000 3000 5000 5000 890 2170 Limit Amount (ur(g)	PASS PASS PASS PASS PASS PASS PASS PASS
2)	Butane Ethanol Ethyl Acetate Diethyl Ether Heptane Hexane Isopropanol Methanol Pentane Propane Toluene Xylenes (m + -o + -p) Analyte / Property Arsenic	0.971 2.614 0.313 1.183 0.687 0.066 1.280 2.972 0.962 4.434 0.088 0.216 LOD (mg/g) 0.003	4.849 7.843 2.288 3.548 2.859 0.281 3.840 8.917 4.271 13.302 0.864 2.572 LOQ (mg/g) 0.009	Res	ND ND 61.1 804 ND ND ND ND ND 48.3 3.95 ults (ug/g) 0.0723	N/A N/A 21.0 277 N/A N/A N/A 8.75 5.89 N/A N/A N/A 1.36 Results (ug/Unit) 0.0249	410 5000 5000 5000 5000 290 5000 5000 5000 5000 5000 890 2170 Limit Amount (µg/g) 0.2	PASS PASS PASS PASS PASS PASS PASS PASS
2) Method Group	Butane Ethanol Ethyl Acetate Diethyl Ether Heytane Hexane Isopropanol Methanol Pentane Propane Toluene Xylenes (-m + o + -p) Analyte / Property Arsenic Cadmium	0.971 2.614 0.313 1.183 0.687 0.066 1.280 2.972 0.962 4.434 0.088 0.216 LOD (mg/g) 0.003 0.001	4.849 7.843 2.288 3.548 2.859 0.281 3.840 8.917 4.271 13.302 0.864 2.572 LOQ (mg/g) 0.009 0.002	Res	ND ND 61.1 804 ND ND 25.4 17.1 ND ND ND 48.3 .3.95 	N/A N/A 21.0 277 N/A N/A N/A N/A N/A N/A N/A N/A 1.36 Results (ug/Unit) 0.0249 0.0120	410 5000 5000 5000 290 5000 3000 5000 5000 890 2170 Limit Amount (µg/g) 0.2 0.2	PASS PASS PASS PASS PASS PASS PASS PASS
2) Method Group	Butane Ethanol Ethyl Acetate Diethyl Ether Heytane Isopropanol Methanol Pentane Propane Toluene Xylenes (-m + -o + -p) Analyte / Property Arsenic Cadmium Lead	0.971 2.614 0.313 1.183 0.687 0.066 1.280 2.972 0.962 4.434 0.088 0.216 LOD (mg/g) 0.003 0.001 0.001	4.849 7.843 2.288 3.548 2.859 0.281 3.840 8.917 4.271 13.302 0.864 2.572 LOQ (mg/g) 0.009 0.002 0.004		ND ND State of the second se	N/A N/A 21.0 277 N/A N/A 8.75 5.89 N/A N/A N/A N/A 1.36 Results (ug/Unit) 0.0249 0.0120 0.0051 0.0009 Results (CFU/Unit)	410 5000 5000 5000 200 5000 3000 5000 5000 5000 5000 890 2170 Limit Amount (CFU/g)	PASS PASS PASS PASS PASS PASS PASS PASS
2) Method Group Heavy Metals	Butane Ethanol Ethyl Acetate Diethyl Ether Heytane Hexane Isopropanol Methanol Pentane Propane Toluene Xylenes (-m + -o + -p) Analyte / Property Arsenic Cadmium Lead Mercury	0.971 2.614 0.313 1.183 0.687 0.066 1.280 2.972 0.962 4.434 0.088 0.216 LOD (mg/g) 0.003 0.001 0.001 0.005	4.849 7.843 2.288 3.548 2.859 0.281 3.840 8.917 4.271 13.302 0.864 2.572 LOQ (mg/g) 0.009 0.002 0.004 0.014		ND ND ND ND ND ND 25.4 17.1 ND ND A8.3 3.95 wits (ug/g) 0.0723 0.0349 0.0149 0.0025 ND ND ND ND ND ND ND ND ND ND	N/A N/A 21.0 277 N/A N/A 8.75 5.89 N/A N/A N/A 1.36 Results (ug/Unit) 0.0249 0.0120 0.0051 0.0009	410 5000 5000 5000 5000 290 5000 5000 5000 5000 5000 890 2170 Limit Amount (µg/g) 0.2 0.5 1 Limit Amount	PASS PASS PASS PASS PASS PASS PASS PASS
2) Method Group Heavy Metals Method Group	Butane Ethanol Ethyl Acetate Diethyl Ether Heytane Hexane Isopropanol Methanol Pentane Propane Toluene Xylenes (-m +-o +-p) Analyte / Property Arsenic Cadmium Lead Mercury Analyte / Property	0.971 2.614 0.313 1.183 0.687 0.066 1.280 2.972 0.962 4.434 0.088 0.216 LOD (mg/g) 0.003 0.001 0.001 0.005 LOD (CFU/g)	4.849 7.843 2.288 3.548 2.859 0.281 3.840 8.917 4.271 13.302 0.864 2.572 LOQ (mg/g) 0.009 0.002 0.004 0.014 LOQ (CFU/g)		ND ND S04 ND ND ND Z5.4 17.1 ND ND ND ND S395 ults (ug/g) 0.0349 0.0149 0.0025 ults (CFU/g) ND ND	N/A N/A 21.0 277 N/A N/A 8.75 5.89 N/A N/A N/A N/A 1.36 Results (ug/Unit) 0.0249 0.0120 0.0051 0.0009 Results (CFU/Unit)	410 5000 5000 5000 200 5000 3000 5000 5000 5000 5000 890 2170 Limit Amount (CFU/g)	PASS PASS PASS PASS PASS PASS PASS PASS
2) Method Group Heavy Metals	Butane Ethanol Ethyl Acetate Diethyl Ether Heptane Hexane Isopropanol Methanol Pentane Propane Toluene Xyfenes (m + o + -p) Analyte / Property Arsenic Cadmium Lead Mercury Analyte / Property Arsolic Plate Count	0.971 2.614 0.313 1.183 0.687 0.066 1.280 2.972 0.962 4.434 0.088 0.216 LOD (mg/g) 0.003 0.001 0.001 0.005 LOD (CFU/g) 10	4.849 7.843 2.288 3.548 2.859 0.281 3.840 8.917 4.271 13.302 0.864 2.572 LOQ (mg/g) 0.009 0.002 0.004 0.014 LOQ (CFU/g) 10		ND ND ND ND ND ND 25.4 17.1 ND ND A8.3 3.95 wits (ug/g) 0.0723 0.0349 0.0149 0.0025 ND ND ND ND ND ND ND ND ND ND	N/A N/A 21.0 277 N/A N/A 8.75 5.89 N/A N/A N/A 1.36 Results (ug/Unit) 0.0249 0.0120 0.0009 Results (CFU/Unit) N/A	410 5000 5000 5000 290 5000 290 5000 5000 5000 5000 5000 890 2170 Limit Amount (CFU/g) N/A	PASS PASS PASS PASS PASS PASS PASS PASS

Jake Rubenstein

Digitally signed by Jake Rubenstein Date: 2025.01.14 14:47:29 -08'00'

Performed by/Date:

Digitally signed by Rebecca Dobkins **Rebecca** Dobkins Date: 2025.01.14 14:47:42 -08'00'

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

*Mitragyine 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.

