Certificate of Analysis

Adams INDEPENDENT TESTING

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Grape Pie

Leech Lake Cannabis Co

Report Issuance: 09/24/2026

Sample ID: AIT-SAMP-1148
Product Matrix: Cannabis or Hemp Resins for Inhalation

Cass Lake, MN
Level of Analysis: Original

Collected (Sampled): 09/07/2026
Received By Testing Lab: 09/14/2026 01:04 PM
Sample Preparation: 09/21/2026, 09/18/2026, 09/22/2026, 09/23/2026

Strain:
Batch No:
Batch Size:

Sampling Method: SOP Client Method
Description:
Metrc ID: 1A4500300000ED9000001590

88.818%	Pass	Pass	Pass
Total THC	Mycotoxins	Pesticides	Microbials

Pass	Pass	Not Tested	Not Tested
Heavy Metals	Residual Solvents	Foreign Matter	Homogeneity

ANALYZED PER MN OCM
QUALITY CONTROL VERIFIED
TECHNICAL AUTHORITY

Cannabinoid Potency

Analyte	88.818% Total THC MU	LOQ	Results	Results
	%	mg/g	mg/g	%
CBDa	4.8	5	<LOQ	<LOQ
CBGa	7.5	5	<LOQ	<LOQ
CBG	3.1	5	27.7738	2.7774
CBD	5.8	5	<LOQ	<LOQ
THCV	3.9	5	<LOQ	<LOQ
CBN	3.9	5	11.1091	1.1109
Δ9-THC	6.5	5	888.1804	88.818
Δ8-THC	8.4	5	<LOQ	<LOQ
CBC	6.7	5	<LOQ	<LOQ
THCa	11.7	5	<LOQ	<LOQ

Test Method: MTH-CP-01
Total Primary Sample Weight: 0.04945

Equations: Total THC=(THCa*0.877)+Delta 9 THC | Total CBD = (CBDa*0.877)+CBD | Purity Equation=unknown cannabinoids' estimated concentration based on peak area comparison to the CBD calibration curve. | Other Artificially Derived Cannabinoids = combined total of 0.5 milligrams of all other cannabinoids per serving other than delta-9 THC, CBD, CBG, CBN, and CBC |Total [Analyte] mg Per Container=Servings Per Container*Total [Analyte] mg/g | Total [Analyte] mg Per Serving=Servings Per Container*Total [Analyte] mg/g | Total Variance=Product Label within 15% of label amount for each compound listed, or <25% if more than 70% THC present.

Location of Analysis: 2224 26th st S Moorhead, MN 56560

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Brad Towey, PH.D. | Principal Scientist

Mark Adams | COO

MN OCM License No: TF-L25-000011-01-TST
METRC No: TF-L25-000011-01-TST

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Microbial Analysis

Analyte	Limit	Result	Status
A. niger	Not detected in 5 g	Not detected in 5 g	Pass
A. flavus	Not detected in 5 g	Not detected in 5 g	Pass
A. fumigatus	Not detected in 5 g	Not detected in 5 g	Pass
A. terreus	Not detected in 5 g	Not detected in 5 g	Pass
Enterobacteriaceae (CFU/g)	150	<100	Pass
Listeria Monocytogenes	Not detected in 5 g	Not detected in 5 g	Pass
Salmonella species	Not detected in 5 g	Not detected in 5 g	Pass
Shiga toxin-producing E. coli	Not detected in 5 g	Not detected in 5 g	Pass

Test Method: MTH-MICRO-ASP-01, MTH-MICRO-EN-01, MTH-MICRO-LIS-01, MTH-MICRO-SLM-01, MTH-MICRO-STCSLM-01
Total Primary Sample Weight: 4.97753, 5.04821, 5.01145

Heavy Metals

Analyte	MU	LOQ	Limit	Result	Status
	%	PPM	PPM	PPM	
Arsenic	10.7	0.05	0.2	<LOQ	Pass
Cadmium	30.7	0.05	0.2	<LOQ	Pass
Mercury	17.6	0.05	0.1	<LOQ	Pass
Lead	5.4	0.05	0.5	<LOQ	Pass

Test Method: MTH-HM-01
Total Primary Sample Weight: 0.09929
Equations: Concentration (ppb, µg/kg) = S (Concentration of Analyte (ng/g) * DF (Dilution Factor) * (M (Mass of Analytical Solution)/m (Mass (g) of Sample Portion))

Mycotoxins

Analyte	MU	LOQ	Limit	Result	Status
	%	PPB	PPB	PPB	
Aflatoxin B1	21.6	8	20	<LOQ	PASS
Aflatoxin B2	29.2	8	20	<LOQ	PASS
Aflatoxin G1	32.6	8	20	<LOQ	PASS
Aflatoxin G2	29.1	8	20	<LOQ	PASS
Ochratoxin A	29.1	8	20	<LOQ	PASS
Total Mycotoxins	N/A	N/A	20	0	PASS

Test Method: MTH-PM-01; MTH-MY-01
Total Primary Sample Weight: 0.50610; 0.04961

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Cass Lake, MN
Level of Analysis: Original

Pesticides

Analyte	MU	LOQ	Limit	Result	Status	Analyte	MU	LOQ	Limit	Result	Status	Analyte	MU	LOQ	Limit	Result	Status
	%	PPM	PPM	PPM			%	PPM	PPM	PPM			%	PPM	PPM	PPM	
Abamectin	66	0.005	0.5	<LOQ	Pass	Fenoxycarb	5.6	0.005	0.2	<LOQ	Pass	Pyrethrin I	10.1	0.005	1	<LOQ	Pass
Acephate	46	0.005	0.4	<LOQ	Pass	Fenpyroximate	15.6	0.005	0.4	<LOQ	Pass	Pyridaben	13.6	0.005	0.2	<LOQ	Pass
Acequinocyl	35.2	0.005	2	<LOQ	Pass	Fipronil	15	0.005	0.4	<LOQ	Pass	Spinosyn A	6.6	0.005	N/A	<LOQ	N/A
Acetamiprid	13	0.005	0.2	<LOQ	Pass	Flonicamid	9.7	0.005	1	<LOQ	Pass	Spinosyn D	5.7	0.005	N/A	<LOQ	N/A
Azadirachtin	30	0.005	1	<LOQ	Pass	Fludioxonil	16.6	0.005	0.4	<LOQ	Pass	Spinosad	6.4	0.005	0.2	<LOQ	Pass
Azoxystrobin	17.4	0.005	0.2	<LOQ	Pass	Hexythiazox	10.4	0.005	1	<LOQ	Pass	Spiromesifen	7.1	0.005	0.2	<LOQ	Pass
Bifenazate	2.9	0.005	0.2	<LOQ	Pass	Imazalil	39.5	0.005	0.2	<LOQ	Pass	Spirotetramat	4	0.005	0.2	<LOQ	Pass
Bifenthrin	64.3	0.005	0.2	<LOQ	Pass	Imidacloprid	12.2	0.005	0.4	<LOQ	Pass	Tebuconazole	12.9	0.005	0.4	<LOQ	Pass
Boscalid	10.3	0.005	0.4	<LOQ	Pass	Kresoxim Methyl	6.6	0.005	0.4	<LOQ	Pass	Thiamethoxam	9.7	0.005	0.2	<LOQ	Pass
Carbaryl	10.6	0.005	0.2	<LOQ	Pass	Malathion	10	0.005	0.2	<LOQ	Pass	Trifloxystrobin	12.4	0.005	0.2	<LOQ	Pass
Chlorantraniliprole	13.4	0.005	0.2	<LOQ	Pass	Metalaxyl	19.4	0.005	0.2	<LOQ	Pass						
Chlorfenapyr	21.9	0.005	1	<LOQ	Pass	Methiocarb	2.1	0.005	0.2	<LOQ	Pass						
Chlormequat Chloride	13.6	0.005	0.2	<LOQ	Pass	Methomyl	25	0.005	0.4	<LOQ	Pass						
Chlorpyrifos	5.8	0.005	0.2	<LOQ	Pass	Myclobutanil	7.4	0.005	0.2	<LOQ	Pass						
Clofentezine	11.7	0.005	0.2	<LOQ	Pass	Naled	3.1	0.005	0.5	<LOQ	Pass						
Cyfluthrin	25.4	0.005	1	<LOQ	Pass	Oxamyl	17.8	0.005	1	<LOQ	Pass						
Cypermethrin	15	0.005	1	<LOQ	Pass	Paclobutrazol	4.8	0.005	0.4	<LOQ	Pass						
Daminozide	24.6	0.005	1	<LOQ	Pass	Permethrins	63.8	0.005	0.3	<LOQ	Pass						
Diazinon	5.4	0.005	0.2	<LOQ	Pass	Phosmet	14.6	0.005	0.2	<LOQ	Pass						
Dichlorvos	14.1	0.005	0.1	<LOQ	Pass	Piperonyl Butoxide	6.3	0.005	2	<LOQ	Pass						
Dimethoate	15.5	0.005	0.2	<LOQ	Pass	Prallethrin	6	0.005	0.2	<LOQ	Pass						
Etofenprox	42.9	0.005	0.4	<LOQ	Pass	Propiconazole	10.6	0.005	0.4	<LOQ	Pass						
Etoxazole	11.5	0.005	0.2	<LOQ	Pass	Propoxur	12.3	0.005	0.2	<LOQ	Pass						

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Cass Lake, MN
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Residual Solvents

Analyte	MU	LOQ	Limit	Result	Status
	%	PPM	PPM	PPM	
Isopropanol (2-Propanol)	9.4	1	500	29.59225	Pass
Acetone	13.3	1	750	11.71521	Pass
Benzene	10.9	1	1	<LOQ	Pass
Butane	12.5	600	800	<LOQ	Pass
Chloroform	14.5	1	1	<LOQ	Pass
Cyclohexane	14.2	1	300	<LOQ	Pass
Dichloromethane	14.1	1	125	<LOQ	Pass
Ethanol	9.4	1	1000	76.03204	Pass
Ethyl Acetate	18.4	1	400	<LOQ	Pass
Heptane	27	1	500	<LOQ	Pass
Hexane	16.8	1	50	<LOQ	Pass
Methanol	27.5	4	250	9.69093	Pass
Pentane	38.9	1	750	<LOQ	Pass
Propane	32.5	600	2100	<LOQ	Pass
Toluene	8.8	1	150	<LOQ	Pass
Total Xylenes	8.8	3	150	<LOQ	Pass
Trichloroethene	14	1	25	<LOQ	Pass

Test Method: MTH-RS-01
Total Primary Sample Weight: 0.05009
Equations: Concentration (µg/g)=Amount of analyte from GC-MS (µg)/Mass of sample (g)

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