Cherry Lady Slipper

Trailhead Cannabis Co

Report Issuance: 08/28/2026

Sample ID: AIT-SAMP-776
Product Matrix: Cannabis or Hemp Flower for Smoking

Brainerd, MN
Level of Analysis: Original

Collected (Sampled): 08/17/2026
Received By Testing Lab: 08/24/2026 01:13 PM
Sample Preparation: 08/26/2026, 08/25/2026, 08/27/2026

Strain: Cherry Lady Slipper
Batch No:
Batch Size:

Sampling Method: SOP Client Method
Description: 7/22/26 Harvest Batch
Metrc ID: 1A4140300003C2A000000356



19.190% Total THC
Pass Mycotoxins
Pass Pesticides
Pass Microbials
Pass Heavy Metals
Not Tested Residual Solvents
Pass Foreign Matter
Not Tested Homogeneity

ANALYZED PER MN OCM
QUALITY CONTROL VERIFIED
TECHNICAL AUTHORITY

Cannabinoid Potency

Analyte	19.190% Total THC MU	LOQ	Results	Results
	%	mg/g	mg/g	%
CBDa	3.4	1.5	<LOQ	<LOQ
CBGa	6.7	1.5	3.95872	0.395872
CBG	7.3	1.5	<LOQ	<LOQ
CBD	11.2	1.5	<LOQ	<LOQ
THCV	7.6	1.5	<LOQ	<LOQ
CBN	8.9	1.5	<LOQ	<LOQ
Δ9-THC	14.7	1.5	3.068477	0.3068477
Δ8-THC	12	1.5	<LOQ	<LOQ
CBC	2.5	1.5	<LOQ	<LOQ
THCa	5.6	1.5	215.31794	21.531794

Test Method: MTH-CP-01
Total Primary Sample Weight: 0.4983

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 10 g	Not detected in 10 g	Pass
A. flavus	Not detected in 10 g	Not detected in 10 g	Pass
A. fumigatus	Not detected in 10 g	Not detected in 10 g	Pass
A. terreus	Not detected in 10 g	Not detected in 10 g	Pass
Enterobacteriaceae (CFU/g)	1000	<100	Pass
Salmonella species	Not detected in 10 g	Not detected in 10 g	Pass
Shiga toxin-producing E. coli	Not detected in 10 g	Not detected in 10 g	Pass
Total aerobic microbial (CFU/g)	100000	100	Pass
Total yeast and mold (CFU/g)	100000	43000	Pass
Water Activity (aw)	0.65	0.5202	Pass

Test Method: MTH-MICRO-ASP-01, MTH-MICRO-EN-01, MTH-MICRO-SLM-01, MTH-MICRO-STCSLM-01, MTH-MICRO-AE-01, MTH-MICRO-YM-01, MTH-WA-01
Total Primary Sample Weight: 9.9080, 9.8364, 9.5975

Heavy Metals

Analyte	MU	LOQ	Limit	Result	Status
	%	PPM	PPM	PPM	
Arsenic	20.6	0.05	0.2	<LOQ	Pass
Cadmium	32.2	0.05	0.2	<LOQ	Pass
Mercury	13	0.05	0.1	<LOQ	Pass
Lead	48.8	0.05	0.5	<LOQ	Pass

Test Method: MTH-HM-01
Total Primary Sample Weight: 0.0997
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	16.1	8	5	<LOQ	PASS
Aflatoxin B2	7.1	8	20	<LOQ	PASS
Aflatoxin G1	21.5	8	20	<LOQ	PASS
Aflatoxin G2	26.7	8	20	<LOQ	PASS
Ochratoxin A	41.3	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: 0.0498

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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	36	0.005	0.5	<LOQ	Pass	Fenoxycarb	8.4	0.005	0.2	<LOQ	Pass	Pyrethrin I	8.3	0.005	1	<LOQ	Pass
Acephate	56.2	0.005	0.4	<LOQ	Pass	Fenpyroximate	14.2	0.005	0.4	<LOQ	Pass	Pyridaben	50.6	0.005	0.2	<LOQ	Pass
Acequinocyl	21	0.005	2	<LOQ	Pass	Fipronil	7.1	0.005	0.4	<LOQ	Pass	Spinosyn A	3.1	0.005	N/A	<LOQ	N/A
Acetamiprid	10.8	0.005	0.2	<LOQ	Pass	Flonicamid	9.9	0.005	1	<LOQ	Pass	Spinosyn D	15.5	0.005	N/A	<LOQ	N/A
Azadirachtin	21.1	0.005	1	<LOQ	Pass	Fludioxonil	7.8	0.005	0.4	<LOQ	Pass	Spinosad	6.4	0.005	0.2	<LOQ	Pass
Azoxystrobin	16.1	0.005	0.2	<LOQ	Pass	Hexythiazox	10.4	0.005	1	<LOQ	Pass	Spiromesifen	10.7	0.005	0.2	<LOQ	Pass
Bifenazate	11.3	0.005	0.2	<LOQ	Pass	Imazalil	9.9	0.005	0.2	<LOQ	Pass	Spirotetramat	7	0.005	0.2	<LOQ	Pass
Bifenthrin	47.2	0.005	0.2	<LOQ	Pass	Imidacloprid	9.3	0.005	0.4	<LOQ	Pass	Tebuconazole	9.4	0.005	0.4	<LOQ	Pass
Boscalid	12.4	0.005	0.4	<LOQ	Pass	Kresoxim Methyl	7.8	0.005	0.4	<LOQ	Pass	Thiamethoxam	8.1	0.005	0.2	<LOQ	Pass
Carbaryl	5.6	0.005	0.2	<LOQ	Pass	Malathion	7.2	0.005	0.2	<LOQ	Pass	Trifloxystrobin	9.8	0.005	0.2	<LOQ	Pass
Chlorantraniliprole	12.6	0.005	0.2	<LOQ	Pass	Metalaxyl	18.1	0.005	0.2	<LOQ	Pass						
Chlorfenapyr	34.9	0.005	1	<LOQ	Pass	Methiocarb	11.7	0.005	0.2	<LOQ	Pass						
Chlormequat Chloride	9.5	0.005	0.2	<LOQ	Pass	Methomyl	8.4	0.005	0.4	<LOQ	Pass						
Chlorpyrifos	6.3	0.005	0.2	<LOQ	Pass	Myclobutanil	8.1	0.005	0.2	<LOQ	Pass						
Clofentezine	6.2	0.005	0.2	<LOQ	Pass	Naled	9.7	0.005	0.5	<LOQ	Pass						
Cyfluthrin	13.3	0.005	1	<LOQ	Pass	Oxamyl	6.9	0.005	1	<LOQ	Pass						
Cypermethrin	7.6	0.005	1	<LOQ	Pass	Paclobutrazol	11.7	0.005	0.4	<LOQ	Pass						
Daminozide	6.6	0.005	1	<LOQ	Pass	Permethrins	15.5	0.005	0.3	<LOQ	Pass						
Diazinon	2.2	0.005	0.2	<LOQ	Pass	Phosmet	8.1	0.005	0.2	<LOQ	Pass						
Dichlorvos	7.2	0.005	0.1	<LOQ	Pass	Piperonyl Butoxide	7.4	0.005	2	<LOQ	Pass						
Dimethoate	5.6	0.005	0.2	<LOQ	Pass	Prallethrin	6.7	0.005	0.2	<LOQ	Pass						
Etofenprox	36.4	0.005	0.4	<LOQ	Pass	Propiconazole	7.8	0.005	0.4	<LOQ	Pass						
Etoxazole	12	0.005	0.2	<LOQ	Pass	Propoxur	13.9	0.005	0.2	<LOQ	Pass						

Test Method: MTH-PM-01; MTH-PE-01
Total Primary Sample Weight: 0.0498

Foreign Material

Analyte	Status
Total Foreign Material	PASS
Total Hard Foreign Material	PASS
Overall Status	PASS
Type of FM Found:	

Test Method: MTH-FM-01
Total Primary Sample Weight: 13.9448
Equations: Total Foreign Material %=(Foreign Material Mass/Test Portion Mass)*100%

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