True North Analytical
2656 Patton Road
Roseville, MN 55113

(612) 497-9626
https://truenorthanalytical.com
Lic# TF-L25-000014-02-TST

Item Name: 1g Trailhead Joint-IX | Trailhead | Cherry Lady Slipper | 1 g | 1 ct

METRC Sample: 1A4140300005E89000000246; METRC Batch: 1A4140300005E89000000245; METRC Manifest #: 0000442504

Initial Test

Sample ID: 2610TNA0560.1969
Strain: Cherry Lady Slipper
Matrix: Plant
Type: Preroll
Sample Size: 71.09 g; Batch:

Produced: 07/22/2026
Collected: 10/15/2026
Received: 10/16/2026
Completed: 10/31/2026
Batch#:

Client
Trailhead Cannabis
Lic. # MICRO-L25-000917
17951 MN-371
Brainerd, MN 56401



Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids		Complete
Moisture	10/28/2026	7.780% - Complete
Water Activity	10/28/2026	0.548 aw - Pass
Terpenes	10/30/2026	Complete
Microbials	10/26/2026	Pass
Mycotoxins	10/29/2026	Pass
Pesticides	10/29/2026	Pass
Heavy Metals	10/28/2026	Pass
Foreign Matter	10/27/2026	Pass

Cannabinoids

Complete

17.2%	ND	21.0%
Total THC	Total CBD	Total Cannabinoids

Analyte	LOQ	Measurement Uncertainty	Result	Result
	%	%	%	mg/g
THCa	0.251	0.643	18.9	189
Δ9-THC	0.251	0.0201	0.592	5.92
Δ8-THC	0.251	0.00	<LOQ	<LOQ
THCVa	0.251	0.0224	0.660	6.60
THCV	0.251	0.00	<LOQ	<LOQ
CBDa	0.251	0.00	<LOQ	<LOQ
CBD	0.251	0.00	<LOQ	<LOQ
CBDVa	0.251	0.00	<LOQ	<LOQ
CBDV	0.251	0.00	<LOQ	<LOQ
CBN	0.251	0.00	<LOQ	<LOQ
CBGa	0.251	0.0186	0.548	5.48
CBG	0.251	0.00	<LOQ	<LOQ
CBCa	0.251	0.00926	0.272	2.72
CBC	0.251	0.00	<LOQ	<LOQ
Total			**21.0**	**210**

Date Prepared: 10/28/2026, Date Tested:
1 Unit = 0.000g
Total THC = %Δ9-THC + (%THCA x 0.877)
Total CBD = %CBD + (%CBDA x 0.877)
Total Cannabinoids=Sum of all compounds.
Refer to Cannabis Technical Authority: Standards for Sampling and Testing Cannabis and Hemp Products Section VII for full cannabinoid names.
Analysis performed as described in SOP-0169, Analyst: ERL
Mass Analyzed (g): 0.2387

7.780% Complete	0.548 aw Pass	Pass
Moisture Content	Water Activity	Foreign Matter
Analyst: LAH *Date Tested/ Prepared:10/28/2026* *Mass Analyzed (g): 0.262*	*Analyst: LAH* *Date Tested/ Prepared:10/28/2026* *Mass Analyzed (g): 0.262*	*Analyst: AR* *Date Tested/ Prepared:10/27/2026* *Mass Analyzed (g): 25.1*

Zachary Remillard
Director of Chemistry
10/31/2026

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Terpenes

Analyte	LOQ	Measurement Uncertainty	Result	Result
	%	%	%	mg/g
β-Caryophyllene	0.0613	0.0177	0.305	3.05
α-Humulene	0.0613	0.00651	0.112	1.12
3-Carene	0.0613	0.00	<LOQ	<LOQ
(-)-α-Bisabolol	0.0613	0.00241	<LOQ	<LOQ
α-Pinene	0.0613	0.000307	<LOQ	<LOQ
α-Terpinene	0.0613	0.00	<LOQ	<LOQ
β-Myrcene	0.0613	0.000965	<LOQ	<LOQ
β-Pinene	0.0613	0.000370	<LOQ	<LOQ
Camphene	0.0613	0.00	<LOQ	<LOQ
Caryophyllene Oxide	0.0613	0.00	<LOQ	<LOQ
Eucalyptol	0.0613	0.00	<LOQ	<LOQ
γ-Terpinene	0.0613	0.00	<LOQ	<LOQ
Geraniol	0.0613	0.000870	<LOQ	<LOQ
Guaiol	0.0613	0.00	<LOQ	<LOQ
(-)-Isopulegol	0.0613	0.00	<LOQ	<LOQ
δ-Limonene	0.0613	0.00163	<LOQ	<LOQ
Linalool	0.0613	0.00262	<LOQ	<LOQ
Nerolidol	0.0613		<LOQ	<LOQ
Ocimene	0.0613		<LOQ	<LOQ
p-Cymene	0.0613	0.00	<LOQ	<LOQ
Terpinolene	0.0613	0.00	<LOQ	<LOQ
cis-Nerolidol		0.00	<LOQ	<LOQ
Total			**0.417**	**4.170**

Date Prepared: 10/28/2026, Date Tested: 10/30/2026
Analysis performed as described in SOP-0170. All compounds reported as estimates.
Analyst: TA
Mass Analyzed (g): 0.2387

Primary Aromas



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Director of Chemistry
10/31/2026

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Pesticides

Pass

Test Type	LOQ	Limit	Measurement Uncertainty	Mass	Status
	PPM	PPM	PPM	PPM	
Abamectin	0.400	0.5	0.00	<LOQ	Pass
Acephate	0.200	0.4	0.00	<LOQ	Pass
Acequinocyl	1.00	2	0.00	<LOQ	Pass
Acetamiprid	0.0800	0.2	0.00	<LOQ	Pass
Azadirachtin	0.400	1	0.00	<LOQ	Pass
Azoxystrobin	0.0800	0.2	0.00	<LOQ	Pass
Bifenazate	0.0800	0.2	0.00	<LOQ	Pass
Bifenthrin	0.0800	0.2	0.00	<LOQ	Pass
Boscalid	0.200	0.4	0.00	<LOQ	Pass
Carbaryl	0.0800	0.2	0.00	<LOQ	Pass
Chlorantraniliprole	0.0800	0.2	0.00	<LOQ	Pass
Chlorfenapyr	0.400	1	0.00	<LOQ	Pass
Chlormequat chloride	0.0800	0.2	0.00	<LOQ	Pass
Chlorpyrifos	0.0800	0.2	0.00	<LOQ	Pass
Clofentezine	0.0800	0.2	0.00	<LOQ	Pass
Cyfluthrin	0.400	1	0.00	<LOQ	Pass
Cypermethrin	0.400	1	0.00	<LOQ	Pass
Daminozide	0.400	1	0.00	<LOQ	Pass
Diazinon	0.0400	0.2	0.00	<LOQ	Pass
Dichlorvos	0.0800	0.1	0.00	<LOQ	Pass
Dimethoate	0.0800	0.2	0.00	<LOQ	Pass
Etofenprox	0.200	0.4	0.00	<LOQ	Pass
Etoxazole	0.0800	0.2	0.00	<LOQ	Pass
Fenoxycarb	0.0800	0.2	0.00	<LOQ	Pass
Fenpyroximate	0.200	0.4	0.00	<LOQ	Pass
Fipronil	0.200	0.4	0.00	<LOQ	Pass
Flonicamid	0.400	1	0.00	<LOQ	Pass
Fludioxonil	0.200	0.4	0.00	<LOQ	Pass
Hexythiazox	0.400	1	0.00	<LOQ	Pass
Imazalil	0.0800	0.2	0.00	<LOQ	Pass
Imidacloprid	0.200	0.4	0.00	<LOQ	Pass
Kresoxim Methyl	0.200	0.4	0.00	<LOQ	Pass
Malathion	0.0800	0.2	0.00	<LOQ	Pass
Metalaxyl	0.0800	0.2	0.00	<LOQ	Pass
Methiocarb	0.0800	0.2	0.00	<LOQ	Pass
Methomyl	0.200	0.4	0.00	<LOQ	Pass
Myclobutanil	0.0800	0.2	0.00	<LOQ	Pass
Naled	0.400	0.5	0.00	<LOQ	Pass
Oxamyl	0.400	1	0.00	<LOQ	Pass
Paclobutrazol	0.200	0.4	0.00	<LOQ	Pass
Permethrins	0.200	0.3	0.00	<LOQ	Pass
Phosmet	0.0800	0.2	0.00	<LOQ	Pass
Piperonyl Butoxide	1.00	2	0.00	<LOQ	Pass
Prallethrin	0.0800	0.2	0.00	<LOQ	Pass
Propiconazole	0.200	0.4	0.00	<LOQ	Pass
Propoxur	0.0800	0.2	0.00	<LOQ	Pass
Pyrethrins	0.400	1	0.000775	<LOQ	Pass
Pyridaben	0.0800	0.2	0.00	<LOQ	Pass
Spinosad	0.0800	0.2	0.00	<LOQ	Pass
Spiromesifen	0.100	0.2	0.00	<LOQ	Pass
Spirotetramat	0.0800	0.2	0.0000688	<LOQ	Pass
Tebuconazole	0.200	0.4	0.00	<LOQ	Pass
Thiamethoxam	0.0800	0.2	0.00	<LOQ	Pass
Trifloxystrobin	0.0800	0.2	0.00	<LOQ	Pass

Date Prepared: 10/29/2026, Date Tested: 10/29/2026
Analysis performed as described in SOP-0171.
Analyst: AJW
Mass Analyzed (g): 0.554

Mycotoxins

Pass

Test Type	LOQ	Limit	Measurement Uncertainty	Mass	Status
	PPB	PPB	PPB	PPB	
B1	0.100	5	0.00	<LOQ	Pass
B2	0.200	20	0.00	<LOQ	Pass
G1	0.200	20	0.00	<LOQ	Pass
G2	0.200	20	0.00	<LOQ	Pass
Ochratoxin A	0.200	20	0.00	<LOQ	Pass
Total Aflatoxins		20		<LOQ	Pass
Total Mycotoxins		20		<LOQ	Pass

Date Prepared: 10/29/2026, Date Tested: 10/29/2026
Analysis performed as described in SOP-0171.
Analyst: AJW
Mass Analyzed (g): 0.554

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10/31/2026

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Heavy Metals

Pass

Test Type	LOQ	Limit	Measurement Uncertainty	Mass	Status
	PPM	PPM	PPM	PPM	
Arsenic	0.100	0.2	0.00171	<LOQ	Pass
Cadmium	0.100	0.2	0.000121	<LOQ	Pass
Lead	0.100	0.5	0.00149	<LOQ	Pass
Mercury	0.0500	0.1	0.000190	<LOQ	Pass

Date Prepared: 10/27/2026, Date Tested: 10/28/2026
Analysis performed as described in SOP-0172.
Analyst: AJW
Mass Analyzed (g): 0.559

Microbials

Pass

Test Type	Analysis By	Limit	Measurement Uncertainty	Mass	Status
		CFU/g		CFU/g	
Aerobic Bacteria	Petrifilm	100000	7.60	400	Pass
Aspergillus SPP	PCR	0		Not Detected	Pass
Enterobacteriaceae	Petrifilm	1000	4.10	Not Detected	Pass
Salmonella	PCR	0		Not Detected	Pass
Shiga Toxin E. Coli	PCR	0		Not Detected	Pass
Yeast & Mold	PCR	100000	7.40	Not Detected	Pass

Date Prepared: 10/16/2026, Date Tested: 10/26/2026
Aspergillus spp. includes Aspergillus niger, Aspergillus flavus, Aspergillus fumigatus, Aspergillus terreus. Procedures followed SOP-0166, SOP-0167, SOP-0168, and SOP-0175. Measurement of Uncertainty is a percentage of the reported value.
Analyst: NICOLE GROTH
Analytical Batch ID: NP-102626-A, SSAF-102726-A, NPL-102726-A, PCR-102626-A, PCR-102726-A
Nonpath Plating Weight (g): 9.93g, Aspergillus, Salmonella, and STEC Weight (g): 10.16g, Nonpath PCR Weight (g): 9.83g,

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