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 | Gastronaut | 1 g | 1 ct

METRC Sample: 1A4140300005E89000000271; METRC Batch: 1A4140300005E89000000251; METRC Manifest #: 0000443922

Initial Test

Sample ID: 2610TNA0595.2064
Strain: Gastronaut
Matrix: Plant
Type: Preroll
Sample Size: 65.12 g; Batch:

Produced:
Collected:
Received: 10/26/2026
Completed: 11/11/2026
Batch#:

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



Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	11/05/2026	Complete
Moisture	11/04/2026	6.590% - Complete
Water Activity	11/04/2026	0.475 aw - Pass
Terpenes	11/06/2026	Complete
Microbials	11/04/2026	Pass
Mycotoxins	11/10/2026	Pass
Pesticides	11/10/2026	Pass
Heavy Metals	11/09/2026	Pass
Foreign Matter	11/03/2026	Pass

Cannabinoids

Complete

22.6%	ND	26.3%
Total THC	Total CBD	Total Cannabinoids

Analyte	LOQ	Measurement Uncertainty	Result	Result
	%	%	%	mg/g
THCa	0.240	0.803	23.6	236
Δ9-THC	0.240	0.0659	1.94	19.4
Δ8-THC	0.240	0.00	<LOQ	<LOQ
THCVa	0.240	0.00	<LOQ	<LOQ
THCV	0.240	0.00	<LOQ	<LOQ
CBDa	0.240	0.00	<LOQ	<LOQ
CBD	0.240	0.00	<LOQ	<LOQ
CBDVa	0.240	0.00	<LOQ	<LOQ
CBDV	0.240	0.00	<LOQ	<LOQ
CBN	0.240	0.00	<LOQ	<LOQ
CBGa	0.240	0.0171	0.502	5.02
CBG	0.240	0.00	<LOQ	<LOQ
CBCa	0.240	0.00872	0.257	2.57
CBC	0.240	0.00	<LOQ	<LOQ
Total			**26.3**	**263**

Date Prepared: 11/05/2026, Date Tested: 11/05/2026
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): 0.2495

6.590% Complete	0.475 aw Pass	Pass
Moisture Content	MU: 0.0029419 Water Activity	Foreign Matter
Analyst: LAH *Date Tested/ Prepared:11/04/2026* *Mass Analyzed (g): 0.2019*	*Analyst: LAH* *Date Tested/ Prepared:11/04/2026* *Mass Analyzed (g): 0.2019*	*Analyst: JMC* *Date Tested/ Prepared:11/03/2026* *Mass Analyzed (g): 20.5*

Zachary Remillard
Director of Chemistry
11/11/2026

Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com

This report has been prepared by True North Analytical (TNA) in accordance with the most recent requirements of ISO/IEC 17025:2017, Minnesota Statues 2024 Chapter 342 and 9810, and Minnesota Office of Cannabis Management (OCM) Cannabis Technical Authority (CTA). The measurements referenced herein were performed in accordance with valid methods and quality management system as required by Minnesota State Law. Measurement uncertainty estimates were agreed upon by all parties during review of requests, tenders, and contract procedure, and are available upon request. The decision rule was not applied to the given pass/fail tolerance limits that are specified by OCM CTA policies. This report shall not be reproduced except in full, without the written consent of TNA. The results relate solely to the item(s) tested as received and are valid only under the conditions in which the testing was performed. No conclusions should be drawn regarding any other items, lots, or conditions not specifically included in this report. This Certificate shall not be reproduced except in full, without the written approval of TNA. TNA did not perform the sampling for the items tested; Customers are fully responsible for adhering to CTA Sampling requirements. Not all potential/existing hazards were tested.

Item Name: 1g Trailhead Joint-IX | Trailhead | Gastronaut | 1 g | 1 ct

METRC Sample: 1A4140300005E89000000271; METRC Batch: 1A4140300005E89000000251; METRC Manifest #: 0000443922

Initial Test

Sample ID: 2610TNA0595.2064
Strain: Gastronaut
Matrix: Plant
Type: Preroll
Sample Size: 65.12 g; Batch:

Produced:
Collected:
Received: 10/26/2026
Completed: 11/11/2026
Batch#:

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

Terpenes

Analyte	LOQ	Measurement Uncertainty	Result	Result
	%	%	%	mg/g
β-Caryophyllene	0.0587	0.0310	0.535	5.35
α-Humulene	0.0587	0.00899	0.155	1.55
Linalool	0.0587	0.00669	0.115	1.15
(-)-α-Bisabolol	0.0587	0.00452	0.0780	0.780
3-Carene	0.0587	0.00	<LOQ	<LOQ
α-Pinene	0.0587	0.00	<LOQ	<LOQ
α-Terpinene	0.0587	0.00	<LOQ	<LOQ
β-Myrcene	0.0587	0.00125	<LOQ	<LOQ
β-Pinene	0.0587	0.00	<LOQ	<LOQ
Camphene	0.0587	0.00	<LOQ	<LOQ
Caryophyllene Oxide	0.0587	0.000738	<LOQ	<LOQ
Eucalyptol	0.0587	0.00	<LOQ	<LOQ
γ-Terpinene	0.0587	0.00	<LOQ	<LOQ
Geraniol	0.0587	0.000742	<LOQ	<LOQ
Guaiol	0.0587	0.00	<LOQ	<LOQ
(-)-Isopulegol	0.0587	0.00116	<LOQ	<LOQ
δ-Limonene	0.0587	0.00180	<LOQ	<LOQ
Nerolidol	0.0587		<LOQ	<LOQ
Ocimene	0.0587		<LOQ	<LOQ
p-Cymene	0.0587	0.00	<LOQ	<LOQ
Terpinolene	0.0587	0.00	<LOQ	<LOQ
cis-Nerolidol		0.00	<LOQ	<LOQ
Total			**0.883**	**8.830**

Date Prepared: 11/05/2026, Date Tested: 11/06/2026
Analysis performed as described in SOP-0170.
Analyst: ATM
Mass Analyzed (g): 0.2495

Primary Aromas



Zachary Remillard
Director of Chemistry
11/11/2026

Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com

This report has been prepared by True North Analytical (TNA) in accordance with the most recent requirements of ISO/IEC 17025:2017, Minnesota Statues 2024 Chapter 342 and 9810, and Minnesota Office of Cannabis Management (OCM) Cannabis Technical Authority (CTA). The measurements referenced herein were performed in accordance with valid methods and quality management system as required by Minnesota State Law. Measurement uncertainty estimates were agreed upon by all parties during review of requests, tenders, and contract procedure, and are available upon request. The decision rule was not applied to the given pass/fail tolerance limits that are specified by OCM CTA policies. This report shall not be reproduced except in full, without the written consent of TNA. The results relate solely to the item(s) tested as received and are valid only under the conditions in which the testing was performed. No conclusions should be drawn regarding any other items, lots, or conditions not specifically included in this report. This Certificate shall not be reproduced except in full, without the written approval of TNA. TNA did not perform the sampling for the items tested; Customers are fully responsible for adhering to CTA Sampling requirements. Not all potential/existing hazards were tested.

Item Name: 1g Trailhead Joint-IX | Trailhead | Gastronaut | 1 g | 1 ct

METRC Sample: 1A4140300005E89000000271; METRC Batch: 1A4140300005E89000000251; METRC Manifest #: 0000443922

Initial Test

Sample ID: 2610TNA0595.2064
Strain: Gastronaut
Matrix: Plant
Type: Preroll
Sample Size: 65.12 g; Batch:

Produced:
Collected:
Received: 10/26/2026
Completed: 11/11/2026
Batch#:

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

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	0.00194	<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	0.000547	<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	0.00	<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: 11/06/2026, Date Tested: 11/10/2026
Analysis performed as described in SOP-0171.
Analyst: AJW
Mass Analyzed (g): 0.6655

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: 11/06/2026, Date Tested: 11/10/2026
Analysis performed as described in SOP-0171.
Analyst: AJW
Mass Analyzed (g): 0.6655

Zachary Remillard
Director of Chemistry
11/11/2026

Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com

This report has been prepared by True North Analytical (TNA) in accordance with the most recent requirements of ISO/IEC 17025:2017, Minnesota Statues 2024 Chapter 342 and 9810, and Minnesota Office of Cannabis Management (OCM) Cannabis Technical Authority (CTA). The measurements referenced herein were performed in accordance with valid methods and quality management system as required by Minnesota State Law. Measurement uncertainty estimates were agreed upon by all parties during review of requests, tenders, and contract procedure, and are available upon request. The decision rule was not applied to the given pass/fail tolerance limits that are specified by OCM CTA policies. This report shall not be reproduced except in full, without the written consent of TNA. The results relate solely to the item(s) tested as received and are valid only under the conditions in which the testing was performed. No conclusions should be drawn regarding any other items, lots, or conditions not specifically included in this report. This Certificate shall not be reproduced except in full, without the written approval of TNA. TNA did not perform the sampling for the items tested; Customers are fully responsible for adhering to CTA Sampling requirements. Not all potential/existing hazards were tested.

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 | Gastronaut | 1 g | 1 ct

METRC Sample: 1A4140300005E89000000271; METRC Batch: 1A4140300005E89000000251; METRC Manifest #: 0000443922

Initial Test

Sample ID: 2610TNA0595.2064
Strain: Gastronaut
Matrix: Plant
Type: Preroll
Sample Size: 65.12 g; Batch:

Produced:
Collected:
Received: 10/26/2026
Completed: 11/11/2026
Batch#:

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

Heavy Metals

Pass

Test Type	LOQ	Limit	Measurement Uncertainty	Mass	Status
	PPM	PPM	PPM	PPM	
Arsenic	0.100	0.2	0.00113	<LOQ	Pass
Cadmium	0.100	0.2	0.00	<LOQ	Pass
Lead	0.100	0.5	0.000342	<LOQ	Pass
Mercury	0.0500	0.1	0.00	<LOQ	Pass

Date Prepared: 11/05/2026, Date Tested: 11/09/2026
Analysis performed as described in SOP-0172.
Analyst: AJW
Mass Analyzed (g): 0.623

Microbials

Pass

Test Type	Analysis By	Limit	Measurement Uncertainty	Mass	Status
		CFU/g		CFU/g	
Aerobic Bacteria	Petrifilm	100000	7.60	Not Detected	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	815	Pass

Date Prepared: 10/26/2026, Date Tested: 11/04/2026
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: TAYLOR THOMPSON
Analytical Batch ID: NPL-110426-B, SSAF-110526-A, NP-110626-B, PCR-110626-A, PCR-110626-B
Nonpath Plating Weight (g): 10.06g, Aspergillus, Salmonella, and STEC Weight (g): 9.93g, Nonpath PCR Weight (g): 9.83g,

Zachary Remillard
Director of Chemistry
11/11/2026

Confident LIMS
All Rights Reserved
coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com

This report has been prepared by True North Analytical (TNA) in accordance with the most recent requirements of ISO/IEC 17025:2017, Minnesota Statues 2024 Chapter 342 and 9810, and Minnesota Office of Cannabis Management (OCM) Cannabis Technical Authority (CTA). The measurements referenced herein were performed in accordance with valid methods and quality management system as required by Minnesota State Law. Measurement uncertainty estimates were agreed upon by all parties during review of requests, tenders, and contract procedure, and are available upon request. The decision rule was not applied to the given pass/fail tolerance limits that are specified by OCM CTA policies. This report shall not be reproduced except in full, without the written consent of TNA. The results relate solely to the item(s) tested as received and are valid only under the conditions in which the testing was performed. No conclusions should be drawn regarding any other items, lots, or conditions not specifically included in this report. This Certificate shall not be reproduced except in full, without the written approval of TNA. TNA did not perform the sampling for the items tested; Customers are fully responsible for adhering to CTA Sampling requirements. Not all potential/existing hazards were tested.