Gastronaut HB 8/10

Trailhead Cannabis Co

Report Issuance: 09/13/2026

Sample ID: AIT-SAMP-877
Product Matrix: Cannabis or Hemp Flower for Smoking

Brainerd, MN
Level of Analysis: Original

Collected (Sampled): 08/30/2026
Received By Testing Lab: 09/04/2026 03:57 PM
Sample Preparation: 09/08/2026, 09/10/2026, 09/09/2026

Strain: Gastronaut
Batch No:
Batch Size:

Sampling Method: SOP Client Method
Description: Gastronaut HB 8/10
Metrc ID: 1A4140300003C2A000000499





ANALYZED PER MN OCM
QUALITY CONTROL VERIFIED
TECHNICAL AUTHORITY

Cannabinoid Potency

Analyte	22.509% Total THC MU	LOQ	Results	Results
	%	mg/g	mg/g	%
CBDa	3.4	1.5	<LOQ	<LOQ
CBGa	6.7	1.5	7.6561	0.7656
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	4.3039	0.4304
Δ8-THC	12	1.5	<LOQ	<LOQ
CBC	2.5	1.5	<LOQ	<LOQ
THCa	5.6	1.5	251.7531	25.1753

Test Method: MTH-CP-01
Total Primary Sample Weight: 0.50385

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

2224 26th St S Moorhead, MN, 56560

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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	25000	Pass
Water Activity (aw)	0.65	0.5718	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: 9.804, 9.823

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: 0.10133
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: 0.05084

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Level of Analysis: Original

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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: 0.05084

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: 15.04291
Equations: Total Foreign Material %=(Foreign Material Mass/Test Portion Mass)*100%

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2224 26th St S Moorhead, MN, 56560

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MARIJUANA TRANSPORTATION MANIFEST

All sales transactions are to be completed prior to transportation of any MARIJUANA. The receiving entity may reject product delivered, but amount delivered must be limited to amount agreed upon in prior sales transaction.

Manifest No.	**0000423705**	**Date Created**	8/31/2026 6:51 AM
Originating Entity	Trailhead Cannabis Company		**For Agency Use Only**
Originating License Number	MICRO-L25-000917-01-AUC		
Address of Originating Entity	17951 State Highway 371 Brainerd, MN 56401		
Phone No. of Originating Entity			

1. Destination	Adams Independent Testing MN LLC	**Destination Phone No.**	
Invoice Number	Lab Sample HB 8/10		
Destination License Number	TF-L25-000011-01-TST	**Date and Approx. Time of Departure**	8/31/2026 6:50 AM
Address of Destination	2224 26th Street S Moorhead, MN 56560	**Actual Date/Time of Departure**	9/1/2026 4:20 PM
		Date and Approx. Time of Arrival	9/4/2026 6:50 AM
		Date/Time Received	9/4/2026 1:42 PM
Route to be Traveled TBD by Boxes		**Notes:** details for extenuating circumstances (e.g., road closure, flat tire, etc.)	

1. Outbound Transporter	Boxes	**Layover Schedule**	
Transporter License Number	TRN-L25-000030-01-TRANS	**Date and Approx. Time of Check-In**	8/31/2026 6:50 AM
Address of Transporter	312 Chester Street St. Paul, MN 55107	**Actual Date/Time of Arrival**	9/1/2026 4:20 PM
		Date and Approx. Time of Check-Out	9/4/2026 6:50 AM

Contact Phone No. for Inquiries: 952-451-6618

Name of Person Transporting	Karl Schissel	**Employee ID of Driver**	Schissel3004
State Driver's License No.	A211019017404	**Signature of Person Transporting**	
Make, Model, Lic No, Reg No.:	Freightliner, Sprinter, TPV177, (blank)	**Leg of Layover Trip**	From And To Layover

1. Package | Accepted	**Production Batch No.**	**Item Name**	**Quantity**
1A4140300003C2A000000498 Lab Test: SubmittedForTesting Contains Retail IDs: No		Octane Mintz (Whole Buds) (CANNABIS FLOWER (BULK))	Shp: 70 g Rcv: 76.0000 g
Item Details	Strain: Octane Mintz		
Source Harvest	Octane Mintz | 8/10/2026 | HB | Photo		
Source Package(s)	1A4140300003C2A000000442, 1A4140300003C2A000000443, 1A4140300003C2A000000444, 1A4140300003C2A000000445, 1A4140300003C2A000000446, 1A4140300003C2A000000447, 1A4140300003C2A000000448		
Req'd Lab Test Batches	Raw Plant Material (Final Form)		

2. Package | Accepted	**Production Batch No.**	**Item Name**	**Quantity**
1A4140300003C2A000000499 Lab Test: SubmittedForTesting Contains Retail IDs: No		Gastronaut (Whole Buds) (CANNABIS FLOWER (BULK))	Shp: 45 g Rcv: 50.0000 g
Item Details	Strain: Gastronaut		
Source Harvest	Gastronaut | 8/10/2026 | HB | Photo		
Source Package(s)	1A4140300003C2A000000454, 1A4140300003C2A000000455, 1A4140300003C2A000000456		
Req'd Lab Test Batches	Raw Plant Material (Final Form)		

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Manifest No.	**0000423705**	**Date Created**	8/31/2026 6:51 AM

3. Package | Accepted	**Production Batch No.**	**Item Name**	**Quantity**
1A4140300003C2A000000506 Lab Test: SubmittedForTesting Contains Retail IDs: No		Cherry Lady Slipper (Whole Buds) (CANNABIS FLOWER (BULK))	Shp: 45 g Rcv: 50.0000 g
Item Details	Strain: Cherry Lady Slipper		
Source Harvest	Cherry Lady Slipper | 8/10/26 | HB | Photo		
Source Package(s)	1A4140300003C2A000000462, 1A4140300003C2A000000463, 1A4140300003C2A000000464		
Req'd Lab Test Batches	Raw Plant Material (Final Form)		

PRODUCT REJECTION *(if only a portion of shipment is rejected, circle that portion above)*

Name of Person Receiving or Rejecting Product	

I confirm that the contents of this shipment match weight records entered above, and I agree to take custody of those portions of this shipment *not* circled above. Those portions circled were returned to the individual delivering this shipment.

Signature		**Date**	
Signature of individual taking receipt of rejected portion of this shipment			