



Trichome Analytical
6000 Commerce Parkway Suite I
Mount Laurel, NJ 08054

CERTIFICATE OF ANALYSIS

REGULATORY COMPLIANCE TESTING

(856) 316-0600

<http://www.trichomeanalytical.com>

1 of 5

MN.RB.2510-50-1

Cantrip, Inc.

4150 98th Ave S

Fargo, ND 58104

Manufacturer: Auroch Canning

Spring Lake Park, MN 55432

MN Food Lic.: 20263444. Facility meets sanitization requirements as documented by the regulatory entity.

Rev. 0.

Sample Size: 1 units

Batch/Lot: MN.RB.2510-50

Received: 10/16/2025

Completed: 10/22/2025

Sampled by: Client

Sample ID: 251016TRI006.001

Sample Description: Cantrip Root Beer
50mg

Matrix: Ingestible



Summary

Test

Cannabinoids
Residual Solvents
Microbials
Mycotoxins
Pesticides
Heavy Metals

Result

Complete
Pass
Pass
Pass
Pass
Pass



Cannabinoids

Complete

0.01427%

5.213 mg/serving
52.13 mg/container
Total THC

ND

ND
ND
Total CBD

0.0002465%

0.09005 mg/serving
0.9005 mg/container
Total CBG

0.01452%

5.303 mg/serving
53.03 mg/container
Total Cannabinoids

Analyte	LOD	LOQ	Result	Result	Result
	%	%	%	mg/serving	mg/container
THCa	0.00003207	0.0001069	ND	ND	ND
Δ9-THC	0.00003207	0.0001069	0.01427	5.213	52.13
Δ8-THC	0.00003207	0.0001069	ND	ND	ND
THCVa	0.00003207	0.0001069	ND	ND	ND
THCV	0.00003207	0.0001069	<LOQ	<LOQ	<LOQ
CBDa	0.00003207	0.0001069	ND	ND	ND
CBD	0.00003207	0.0001069	ND	ND	ND
CBDVa	0.00003207	0.0001069	ND	ND	ND
CBDV	0.00003207	0.0001069	ND	ND	ND
CBN	0.00003207	0.0001069	<LOQ	<LOQ	<LOQ
CBGa	0.00003207	0.0001069	ND	ND	ND
CBG	0.00003207	0.0001069	0.0002465	0.09005	0.9005
CBGa	0.00006227	0.0002076	ND	ND	ND
CBC	0.00003207	0.0001069	ND	ND	ND
CBL	0.00003207	0.0001069	ND	ND	ND
Total			0.01452	5.303	53.03

Date Analyzed: 10/16/2025

1 Unit = 355 mL Can, 365.3305g; 10 servings per container; 52.1 mg THC per container

Unit Mass/Volume provided by Client and may affect the validity of "mg/unit" results.

SOP.102, AOAC 2018.11 (Modified); UHPLC-PDA. Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD; Total CBG = CBGa * 0.878 + CBG. Pass/Fail THC criteria, if listed, is in accordance with 86 FR 5596 issued by the USDA for pre-harvest hemp clearance (total THC - uncertainty ≤ 0.3% THC). Dry weight percent of cannabinoids, if listed, is calculated using the dried weight determined by the moisture content prior to extraction, indicated as follows (SOP.702; Gravimetry).



ISO/IEC 17025:2017 A2LA
CERT# 5913.01 // DEA#
RT0581098 // NJ HEMP#
34_00077

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Quality Manager

Tom Barkley
Laboratory Director

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Microbials

Pass

Analyte	LOD	Limit	Result	Status
	CFU/g	CFU/g	CFU/g	
Total Yeast & Mold Count	10	100000	<10	Pass
Total Aerobic Bacteria Count	10		<10	Tested
Total Enterobacteriaceae (BTGN) Count	10		<10	Tested
Shiga-toxin producing Escherichia coli (STEC)	1	Detected in 1g	Not Detected	Pass
Salmonella spp.	1	Detected in 1g	Not Detected	Pass
Listeria monocytogenes	1		Not Detected	Tested
Aspergillus spp. (A. fumigatus, A. flavus, A. niger, A. terreus)	1	Detected in 1g	Not Detected	Pass

Date Analyzed: 10/20/2025
Pathogens: SOP.606, SOP.607; qPCR. Quality Indicators: SOP.605; MPN.

Mycotoxins

Pass

Analyte	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Aflatoxin B1	0.000804	0.00268		ND	Tested
Aflatoxin B2	0.000804	0.00268		ND	Tested
Aflatoxin G1	0.000804	0.00268		ND	Tested
Aflatoxin G2	0.000804	0.00268		ND	Tested
Total Aflatoxins			0.02	ND	Pass
Ochratoxin A	0.00322	0.0107	0.02	ND	Pass

Date Analyzed: 10/20/2025
SOP.402; LC-MS/MS.



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Solvents

Pass

Analyte	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
1,1- Dichloroethene	0.0367	0.110	8	ND	Pass
1,2-Dichloroethane	0.147	0.441	2	ND	Pass
Acetone	14.7	44.1	750	ND	Pass
Acetonitrile	14.7	44.1	60	ND	Pass
Benzene	0.0367	0.110	1	ND	Pass
Butane	14.7	44.1	5000	ND	Pass
Chloroform	0.0367	0.110	2	ND	Pass
Ethanol	14.7	44.1	5000	2470	Pass
Ethyl acetate	14.7	44.1	400	ND	Pass
Ethyl ether	14.7	44.1	500	ND	Pass
Ethylene oxide	0.147	0.441	5	ND	Pass
Heptane	14.7	44.1	5000	ND	Pass
n-Hexane	7.34	22.0	250	ND	Pass
Isopropyl alcohol	14.7	44.1	500	ND	Pass
Methanol	29.4	88.1	250	ND	Pass
Methylene chloride	0.0734	0.220	125	ND	Pass
Pentane	3.67	11.0	750	ND	Pass
Propane	7.34	22.0	5000	ND	Pass
Toluene	7.34	22.0	150	ND	Pass
Trichloroethylene	0.0367	0.110	25	ND	Pass
Xylenes	7.34	22.0	150	ND	Pass

Date Analyzed: 10/17/2025
SOP.204; HS-GC-MS.



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Pesticides

Pass

Analyte	LOD	LOQ	Limit	Result	Status	Analyte	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.0101	0.0335	0.3	ND	Pass	Fludioxonil	0.0101	0.0335	3	ND	Pass
Acephate	0.0101	0.0335	3	ND	Pass	Hexythiazox	0.0101	0.0335	2	ND	Pass
Acequinocyl	0.0101	0.0335	2	ND	Pass	Imazalil	0.0101	0.0335	0.1	ND	Pass
Acetamiprid	0.0101	0.0335	3	ND	Pass	Imidacloprid	0.0101	0.0335	3	ND	Pass
Aldicarb	0.0101	0.0335	0.1	ND	Pass	Kresoxim Methyl	0.0101	0.0335	1	ND	Pass
Azoxystrobin	0.0101	0.0335	3	ND	Pass	Malathion	0.0101	0.0335	2	ND	Pass
Bifenazate	0.0101	0.0335	3	ND	Pass	Metalaxyl	0.0101	0.0335	3	ND	Pass
Bifenthrin	0.0101	0.0335	0.5	ND	Pass	Methiocarb	0.0101	0.0335	0.1	ND	Pass
Boscalid	0.0101	0.0335	3	ND	Pass	Methomyl	0.0101	0.0335	0.1	ND	Pass
Captan	0.0804	0.268	3	ND	Pass	Mevinphos	0.0101	0.0335	0.1	ND	Pass
Carbaryl	0.0101	0.0335	0.5	ND	Pass	MGK-264	0.0201	0.0670		ND	Tested
Carbofuran	0.0101	0.0335	0.1	ND	Pass	Myclobutanil	0.0101	0.0335	3	ND	Pass
Chlorantraniliprole	0.0101	0.0335	3	ND	Pass	Naled	0.0101	0.0335	0.5	ND	Pass
Chlordane	0.0101	0.0335	0.1	ND	Pass	Oxamyl	0.0101	0.0335	0.5	ND	Pass
Chlorfenapyr	0.0101	0.0335	0.1	ND	Pass	Paclobutrazol	0.0101	0.0335	0.1	ND	Pass
Chlormequat chloride	0.0101	0.0335	3	ND	Pass	Parathion Methyl	0.0101	0.0335	0.1	ND	Pass
Chlorpyrifos	0.0101	0.0335	0.1	ND	Pass	Pentachloronitrobenzene	0.0101	0.0335	0.2	ND	Pass
Clofentezine	0.0101	0.0335	0.5	ND	Pass	Permethrins	0.0101	0.0335	1	ND	Pass
Coumaphos	0.0101	0.0335	0.1	ND	Pass	Phosmet	0.0101	0.0335	0.2	ND	Pass
Cyfluthrin	0.0101	0.0335	1	ND	Pass	Piperonyl Butoxide	0.0101	0.0335	3	ND	Pass
Cypermethrin	0.0201	0.0670	1	ND	Pass	Prallethrin	0.0402	0.0335	0.4	ND	Pass
Daminozide	0.0101	0.0335	0.1	ND	Pass	Propiconazole	0.0101	0.0335	1	ND	Pass
Diazinon	0.0101	0.0335	0.2	ND	Pass	Propoxur	0.0101	0.0335	0.1	ND	Pass
Dichlorvos	0.0101	0.0335	0.1	ND	Pass	Pyrethrins	0.0402	0.134	1	ND	Pass
Dimethoate	0.0101	0.0335	0.1	ND	Pass	Pyridaben	0.0101	0.0335	3	ND	Pass
Dimethomorph	0.0101	0.0335	3	ND	Pass	Spinetoram	0.0101	0.0335	3	ND	Pass
Ethoprophos	0.0101	0.0335	0.1	ND	Pass	Spinosad	0.0101	0.0335	3	ND	Pass
Etofenprox	0.0101	0.0335	0.1	ND	Pass	Spiromesifen	0.0101	0.0335	3	ND	Pass
Etoxazole	0.0101	0.0335	1.5	ND	Pass	Spirotetramat	0.0101	0.0335	3	ND	Pass
Fenhexamid	0.0101	0.0335	3	ND	Pass	Spiroxamine	0.0101	0.0335	0.1	ND	Pass
Fenoxycarb	0.0101	0.0335	0.1	ND	Pass	Tebuconazole	0.0101	0.0335	1	ND	Pass
Fenpyroximate	0.0101	0.0335	2	ND	Pass	Thiacloprid	0.0101	0.0335	0.1	ND	Pass
Fipronil	0.0101	0.0335	0.1	ND	Pass	Thiamethoxam	0.0101	0.0335	0.1	ND	Pass
Flonicamid	0.0101	0.0335	2	ND	Pass	Trifloxystrobin	0.0101	0.0335	3	ND	Pass

Date Tested: 10/20/2025
SOP.402; LC-MS/MS & SOP.302; GC-MS



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Elemental

Pass

Heavy Metals

Analyte	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.00651	0.0482	1.5	ND	Pass
Cadmium	0.000512	0.0241	0.5	ND	Pass
Lead	0.00609	0.0241	0.5	ND	Pass
Mercury	0.00276	0.00722	3	ND	Pass
Chromium	0.0259	0.0722		ND	Tested
Nickel	0.0266	0.0722		ND	Tested
Antimony	0.00805	0.0241		ND	Tested
Selenium	0.0126	0.0963		ND	Tested

Nutrients

Analyte	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Copper	0.103	0.489		ND	Tested
Iron	1.67	5.00		ND	Tested
Manganese	0.0155	0.489		<LOQ	Tested
Zinc	1.67	5.00		ND	Tested

Date Analyzed: 10/17/2025
SOP 502; ICPMS.



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