



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.GS.2512-05 (3)**

Cantrip, Inc.

Sample Size: 1 units

Received: 09/30/2025

Completed: 10/06/2025

Sampled by: Client

Sample ID: 250930TRI013.003

Sample Description: Cantrip Grape Soda

5mg

4150 98th Ave S

Fargo, ND 58104

Manufacturer: Auroch Canning

Spring Lake Park, MN 55432

Matrix: Ingestible

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

Rev. 0.



### Summary

Test

Cannabinoids  
Residual Solvents  
Microbials  
Mycotoxins  
Pesticides  
Heavy Metals

Result

Complete  
Pass  
Pass  
Pass  
Pass  
Pass



### Cannabinoids

Complete

**0.001242%**

4.534 mg/unit  
4.534 mg/container  
Total THC

**ND**

ND  
ND  
Total CBD

**ND**

ND  
ND  
Total CBG

**0.001242%**

4.534 mg/unit  
4.534 mg/container  
Total Cannabinoids

| Analyte | LOD        | LOQ       | Result   | Result  | Result       |
|---------|------------|-----------|----------|---------|--------------|
|         | %          | %         | %        | mg/unit | mg/container |
| THCa    | 0.00003209 | 0.0001070 | ND       | ND      | ND           |
| Δ9-THC  | 0.00003209 | 0.0001070 | 0.001242 | 4.534   | 4.534        |
| Δ8-THC  | 0.00003209 | 0.0001070 | ND       | ND      | ND           |
| THCVa   | 0.00003209 | 0.0001070 | ND       | ND      | ND           |
| THCV    | 0.00003209 | 0.0001070 | ND       | ND      | ND           |
| CBDa    | 0.00003209 | 0.0001070 | ND       | ND      | ND           |
| CBD     | 0.00003209 | 0.0001070 | ND       | ND      | ND           |
| CBDVa   | 0.00003209 | 0.0001070 | ND       | ND      | ND           |
| CBDV    | 0.00003209 | 0.0001070 | ND       | ND      | ND           |
| CBN     | 0.00003209 | 0.0001070 | ND       | ND      | ND           |
| CBGa    | 0.00003209 | 0.0001070 | ND       | ND      | ND           |
| CBG     | 0.00003209 | 0.0001070 | ND       | ND      | ND           |
| CBGa    | 0.00006232 | 0.0002077 | ND       | ND      | ND           |
| CBC     | 0.00003209 | 0.0001070 | ND       | ND      | ND           |
| CBL     | 0.00003209 | 0.0001070 | ND       | ND      | ND           |
| Total   |            |           | 0.001242 | 4.534   | 4.534        |

Date Analyzed: 10/01/2025

1 Unit = 355 mL Can, 365.0465g; 1 servings per container; 4.5 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

Kristen Goedde  
Quality Manager

Tom Barkley  
Laboratory Director

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[coa.support@confidentlims.com](mailto:coa.support@confidentlims.com)  
(866) 506-5866  
[www.confidentlims.com](http://www.confidentlims.com)



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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     |                | ND           | Tested |
| Aspergillus spp. (A. fumigatus, A. flavus, A. niger, A. terreus) | 1     | Detected in 1g | Not Detected | Pass   |

Date Analyzed: 10/06/2025

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     | 0.000797 | 0.00266 |       | ND     | Tested |
| Aflatoxin B2     | 0.000797 | 0.00266 |       | ND     | Tested |
| Aflatoxin G1     | 0.000797 | 0.00266 |       | ND     | Tested |
| Aflatoxin G2     | 0.000797 | 0.00266 |       | ND     | Tested |
| Total Aflatoxins |          |         | 0.02  | ND     | Pass   |
| Ochratoxin A     | 0.00319  | 0.0106  | 0.02  | ND     | Pass   |

Date Analyzed: 10/03/2025

SOP.402; LC-MS/MS.



ISO/IEC 17025:2017 A2LA  
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### Solvents

Pass

| Analyte             | LOD    | LOQ   | Limit | Result | Status |
|---------------------|--------|-------|-------|--------|--------|
|                     | µg/g   | µg/g  | µg/g  | µg/g   |        |
| 1,1- Dichloroethene | 0.0365 | 0.110 | 8     | ND     | Pass   |
| 1,2-Dichloroethane  | 0.146  | 0.438 | 2     | ND     | Pass   |
| Acetone             | 14.6   | 43.8  | 750   | ND     | Pass   |
| Acetonitrile        | 14.6   | 43.8  | 60    | ND     | Pass   |
| Benzene             | 0.0365 | 0.110 | 1     | ND     | Pass   |
| Butane              | 14.6   | 43.8  | 5000  | ND     | Pass   |
| Chloroform          | 0.0365 | 0.110 | 2     | ND     | Pass   |
| Ethanol             | 14.6   | 43.8  | 5000  | 4210   | Pass   |
| Ethyl acetate       | 14.6   | 43.8  | 400   | <LOQ   | Pass   |
| Ethyl ether         | 14.6   | 43.8  | 500   | ND     | Pass   |
| Ethylene oxide      | 0.146  | 0.438 | 5     | ND     | Pass   |
| Heptane             | 14.6   | 43.8  | 5000  | ND     | Pass   |
| n-Hexane            | 7.30   | 21.9  | 250   | ND     | Pass   |
| Isopropyl alcohol   | 14.6   | 43.8  | 500   | <LOQ   | Pass   |
| Methanol            | 29.2   | 87.6  | 250   | ND     | Pass   |
| Methylene chloride  | 0.0730 | 0.219 | 125   | ND     | Pass   |
| Pentane             | 3.65   | 11.0  | 750   | ND     | Pass   |
| Propane             | 7.30   | 21.9  | 5000  | ND     | Pass   |
| Toluene             | 7.30   | 21.9  | 150   | ND     | Pass   |
| Trichloroethylene   | 0.0365 | 0.110 | 25    | ND     | Pass   |
| Xylenes             | 7.30   | 21.9  | 150   | ND     | Pass   |

Date Analyzed: 10/03/2025  
SOP.204; HS-GC-MS.



ISO/IEC 17025:2017 A2LA  
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Quality Manager

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Laboratory Director

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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            | 0.00996 | 0.0332 | 0.3   | ND     | Pass   | Fludioxonil             | 0.00996 | 0.0332 | 3     | ND     | Pass   |
| Acephate             | 0.00996 | 0.0332 | 3     | ND     | Pass   | Hexythiazox             | 0.00996 | 0.0332 | 2     | ND     | Pass   |
| Acequinocyl          | 0.00996 | 0.0332 | 2     | ND     | Pass   | Imazalil                | 0.00996 | 0.0332 | 0.1   | ND     | Pass   |
| Acetamiprid          | 0.00996 | 0.0332 | 3     | ND     | Pass   | Imidacloprid            | 0.00996 | 0.0332 | 3     | ND     | Pass   |
| Aldicarb             | 0.00996 | 0.0332 | 0.1   | ND     | Pass   | Kresoxim Methyl         | 0.00996 | 0.0332 | 1     | ND     | Pass   |
| Azoxystrobin         | 0.00996 | 0.0332 | 3     | ND     | Pass   | Malathion               | 0.00996 | 0.0332 | 2     | ND     | Pass   |
| Bifenazate           | 0.00996 | 0.0332 | 3     | ND     | Pass   | Metalaxyl               | 0.00996 | 0.0332 | 3     | ND     | Pass   |
| Bifenthrin           | 0.00996 | 0.0332 | 0.5   | ND     | Pass   | Methiocarb              | 0.00996 | 0.0332 | 0.1   | ND     | Pass   |
| Boscalid             | 0.00996 | 0.0332 | 3     | ND     | Pass   | Methomyl                | 0.00996 | 0.0332 | 0.1   | ND     | Pass   |
| Captan               | 0.0797  | 0.266  | 3     | ND     | Pass   | Mevinphos               | 0.00996 | 0.0332 | 0.1   | ND     | Pass   |
| Carbaryl             | 0.00996 | 0.0332 | 0.5   | ND     | Pass   | MGK-264                 | 0.0199  | 0.0664 |       | ND     | Tested |
| Carbofuran           | 0.00996 | 0.0332 | 0.1   | ND     | Pass   | Myclobutanil            | 0.00996 | 0.0332 | 3     | ND     | Pass   |
| Chlorantraniliprole  | 0.00996 | 0.0332 | 3     | ND     | Pass   | Naled                   | 0.00996 | 0.0332 | 0.5   | ND     | Pass   |
| Chlordane            | 0.00996 | 0.0332 | 0.1   | ND     | Pass   | Oxamyl                  | 0.00996 | 0.0332 | 0.5   | ND     | Pass   |
| Chlorfenapyr         | 0.00996 | 0.0332 | 0.1   | ND     | Pass   | Paclobutrazol           | 0.00996 | 0.0332 | 0.1   | ND     | Pass   |
| Chlormequat chloride | 0.00996 | 0.0332 | 3     | ND     | Pass   | Parathion Methyl        | 0.00996 | 0.0332 | 0.1   | ND     | Pass   |
| Chlorpyrifos         | 0.00996 | 0.0332 | 0.1   | ND     | Pass   | Pentachloronitrobenzene | 0.00996 | 0.0332 | 0.2   | ND     | Pass   |
| Clofentezine         | 0.00996 | 0.0332 | 0.5   | ND     | Pass   | Permethrins             | 0.00996 | 0.0332 | 1     | ND     | Pass   |
| Coumaphos            | 0.00996 | 0.0332 | 0.1   | ND     | Pass   | Phosmet                 | 0.00996 | 0.0332 | 0.2   | ND     | Pass   |
| Cyfluthrin           | 0.00996 | 0.0332 | 1     | ND     | Pass   | Piperonyl Butoxide      | 0.00996 | 0.0332 | 3     | ND     | Pass   |
| Cypermethrin         | 0.0199  | 0.0664 | 1     | ND     | Pass   | Prallethrin             | 0.0398  | 0.0332 | 0.4   | ND     | Pass   |
| Daminozide           | 0.00996 | 0.0332 | 0.1   | ND     | Pass   | Propiconazole           | 0.00996 | 0.0332 | 1     | ND     | Pass   |
| Diazinon             | 0.00996 | 0.0332 | 0.2   | ND     | Pass   | Propoxur                | 0.00996 | 0.0332 | 0.1   | ND     | Pass   |
| Dichlorvos           | 0.00996 | 0.0332 | 0.1   | ND     | Pass   | Pyrethrins              | 0.0398  | 0.133  | 1     | ND     | Pass   |
| Dimethoate           | 0.00996 | 0.0332 | 0.1   | ND     | Pass   | Pyridaben               | 0.00996 | 0.0332 | 3     | ND     | Pass   |
| Dimethomorph         | 0.00996 | 0.0332 | 3     | ND     | Pass   | Spinetoram              | 0.00996 | 0.0332 | 3     | ND     | Pass   |
| Ethoprophos          | 0.00996 | 0.0332 | 0.1   | ND     | Pass   | Spinosad                | 0.00996 | 0.0332 | 3     | ND     | Pass   |
| Etofenprox           | 0.00996 | 0.0332 | 0.1   | ND     | Pass   | Spiromesifen            | 0.00996 | 0.0332 | 3     | ND     | Pass   |
| Etoazole             | 0.00996 | 0.0332 | 1.5   | ND     | Pass   | Spirotetramat           | 0.00996 | 0.0332 | 3     | ND     | Pass   |
| Fenhexamid           | 0.00996 | 0.0332 | 3     | ND     | Pass   | Spiroxamine             | 0.00996 | 0.0332 | 0.1   | ND     | Pass   |
| Fenoxycarb           | 0.00996 | 0.0332 | 0.1   | ND     | Pass   | Tebuconazole            | 0.00996 | 0.0332 | 1     | ND     | Pass   |
| Fenpyroximate        | 0.00996 | 0.0332 | 2     | ND     | Pass   | Thiacloprid             | 0.00996 | 0.0332 | 0.1   | ND     | Pass   |
| Fipronil             | 0.00996 | 0.0332 | 0.1   | ND     | Pass   | Thiamethoxam            | 0.00996 | 0.0332 | 0.1   | ND     | Pass   |
| Flonicamid           | 0.00996 | 0.0332 | 2     | ND     | Pass   | Trifloxystrobin         | 0.00996 | 0.0332 | 3     | ND     | Pass   |

Date Tested: 10/03/2025

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 |       | ND     | Tested |
| Zinc      | 1.67   | 5.00  |       | ND     | Tested |

Date Analyzed: 10/03/2025  
SOP 502; ICPMS.



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