



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 6

Garden Variety

ABV

Sample Size: 1 units

Batch/Lot: GV-LGI-001

Received: 06/19/2026

Completed: 06/26/2026

Sampled by: Client

Sample ID: 260618TRI013.002

Sample Description: Lemon Ginger

4001A Yancey Rd

Charlotte, NC 28217

Manufacturer: Artisanal Brewing Ventures

Charlotte, NC 28217

Matrix: Ingestible

FDA: 14021910490; NJDOH License/Permit: 15036. Facility meets sanitization requirements as documented by the regulatory entity.

Rev. 0.



Summary

Test

Cannabinoids
Terpenes
Residual Solvents
Microbials
Mycotoxins
Pesticides
Heavy Metals
Foreign Matter

Result

Complete
Complete
Pass
Pass
Pass
Pass
Pass
Complete



Cannabinoids

Complete

3.980 mg/serving

7.960 mg/container
0.002242%
Total THC

1.830 mg/serving

3.660 mg/container
0.001031%
Total CBD

ND

ND
ND
Total CBG

5.810 mg/serving

11.62 mg/container
0.003273%
Total Cannabinoids

Analyte	LOD	LOQ	Result	Result	Result	Analyte	LOD	LOQ	Result	Result	Result
	mg/serving	mg/serving	mg/serving	mg/container	%		mg/serving	mg/serving	mg/serving	mg/container	%
(6aR,9R)-d10-THC*	0.1019	0.3059	ND	ND	ND	CBL	0.05858	0.1953	ND	ND	ND
9R-HHC*	0.05097	0.1529	ND	ND	ND	CBN	0.05858	0.1953	<LOQ	<LOQ	<LOQ
(6aR,9S)-d10-THC*	0.1019	0.3059	ND	ND	ND	CBT*	0.05097	0.1529	ND	ND	ND
9S-HHC*	0.05097	0.1529	ND	ND	ND	Δ8-THC	0.05858	0.1953	ND	ND	ND
CBC	0.05858	0.1953	ND	ND	ND	Δ8-THCP*	0.05097	0.1529	ND	ND	ND
CBCa	0.1137	0.3792	ND	ND	ND	Δ9-THC	0.05858	0.1953	3.980	7.960	0.002242
CBD	0.05858	0.1953	1.830	3.660	0.001031	Δ9-THC Acetate*	0.05097	0.1529	ND	ND	ND
CBDa	0.05858	0.1953	ND	ND	ND	Δ9-THCH*	0.05097	0.1529	ND	ND	ND
CBDV	0.05858	0.1953	ND	ND	ND	Δ9-THCP*	0.05097	0.1529	ND	ND	ND
CBDVa	0.05858	0.1953	ND	ND	ND	Exo-THC*	0.1019	0.3059	ND	ND	ND
CBG	0.05858	0.1953	ND	ND	ND	THCa	0.05858	0.1953	ND	ND	ND
CBG Diacetate*	0.05097	0.1529	ND	ND	ND	THCV	0.05858	0.1953	ND	ND	ND
CBGa	0.05858	0.1953	ND	ND	ND	THCVa	0.05858	0.1953	ND	ND	ND

Date Analyzed: 06/22/2026

1 Serving = 177.5 mL, 177.5178g; 2 servings per container; 8.0 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. SOP.406; LC-MS/MS. Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa *

0.877 + CBD; Total CBG = CBGa * 0.878 + CBG. *Analytes reported are outside of the laboratory's ISO 17025 accreditation.



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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Terpenes

Analyte	LOD	LOQ	Result	Result
	%	%	%	mg/g
3-Carene	0.000260	0.000791	ND	ND
α -Bisabolol	0.000260	0.000791	ND	ND
α -Cedrene	0.000260	0.000791	ND	ND
α -Humulene	0.000260	0.000791	ND	ND
α -Phellandrene	0.000260	0.000791	ND	ND
α -Pinene	0.000260	0.000791	ND	ND
α -Terpinene	0.000260	0.000791	ND	ND
Caryophyllene	0.000260	0.000791	ND	ND
β -Myrcene	0.000260	0.000791	ND	ND
β -Pinene	0.000260	0.000791	ND	ND
Borneol	0.00841	0.0252	ND	ND
Camphene	0.000260	0.000791	ND	ND
Camphor	0.00105	0.00315	ND	ND
Caryophyllene Oxide	0.000531	0.00158	ND	ND
Cedrol	0.000260	0.000791	ND	ND
δ -Limonene	0.000260	0.000791	ND	ND
Fenchyl Alcohol	0.000260	0.000791	ND	ND
Eucalyptol	0.000260	0.000791	ND	ND
Fenchone	0.000531	0.00158	ND	ND
γ -Terpinene	0.000260	0.000791	ND	ND
Geraniol	0.0168	0.0505	ND	ND
Geranyl Acetate	0.000260	0.000791	ND	ND
Guaiol	0.000260	0.000791	ND	ND
Isoborneol	0.00105	0.00315	ND	ND
Isopulegol	0.000260	0.000791	ND	ND
Linalool	0.000260	0.000791	<LOQ	<LOQ
Menthol	0.000531	0.00158	ND	ND
Nerol	0.00841	0.0252	ND	ND
Nerolidol	0.000260	0.000791	ND	ND
Ocimene	0.000260	0.000791	ND	ND
Pulegone	0.000260	0.000791	ND	ND
Sabinene	0.000260	0.000791	ND	ND
Sabinene Hydrate	0.000260	0.000791	ND	ND
Terpineol	0.000260	0.000791	<LOQ	<LOQ
Terpinolene	0.000260	0.000791	ND	ND
Valencene	0.000260	0.000791	ND	ND
Total			0.000	0

					0.00%
					Total Terpenes

Date Analyzed: 06/23/2026
SOP.202; HS-GC-MS.



ISO/IEC 17025:2017 A2LA
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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
Total Coliform 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: 06/26/2026

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	0.000827	0.00276		ND	Tested
Aflatoxin B2	0.000827	0.00276		ND	Tested
Aflatoxin G1	0.000827	0.00276		ND	Tested
Aflatoxin G2	0.000827	0.00276		ND	Tested
Total Aflatoxins			0.02	ND	Pass
Ochratoxin A	0.00331	0.0110	0.02	ND	Pass

Date Analyzed: 06/22/2026

SOP.402; LC-MS/MS.

Foreign Matter

Complete

Date Analyzed: 06/22/2026

SOP.706; Microscopy. Screened for: mold, combustion by-products, cinders, sand, soil, dirt, hair, insect parts, rodent feces, and other foreign material. Pass/fail criteria determined by the laboratory based on the limit of detection of the method, which is as follows: 1% by weight, 10% visual area estimation, 1 foreign material particulate such as insect parts, hair, etc. per 3 grams of material.



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	0.0369	0.111	8	ND	Pass
1,2-Dichloroethane	0.148	0.443	2	ND	Pass
Acetone	14.8	44.3	750	ND	Pass
Acetonitrile	14.8	44.3	60	ND	Pass
Benzene	0.0369	0.111	1	ND	Pass
Butane	126	378	5000	ND	Pass
Chloroform	0.0369	0.111	2	ND	Pass
Cyclohexane	14.8	44.3		ND	Tested
Ethanol	14.8	44.3	5000	4540	Pass
Ethyl acetate	14.8	44.3	400	ND	Pass
Ethyl ether	14.8	44.3	500	ND	Pass
Ethylene oxide	0.148	0.443	5	ND	Pass
Heptane	14.8	44.3	5000	ND	Pass
n-Hexane	7.38	22.2	250	ND	Pass
Isopropyl alcohol	14.8	44.3	500	<LOQ	Pass
Methanol	29.5	88.6	250	ND	Pass
Methylene chloride	0.0738	0.222	125	ND	Pass
Pentane	3.69	11.1	750	ND	Pass
Propane	252	756	5000	ND	Pass
Toluene	7.38	22.2	150	ND	Pass
Trichloroethylene	0.0369	0.111	25	ND	Pass
Xylenes	7.38	22.2	150	ND	Pass

Date Analyzed: 06/22/2026
SOP:204; HS-GC-MS.



ISO/IEC 17025:2017 A2LA
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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	0.0103	0.0345	0.3	ND	Pass	Fludioxonil	0.0103	0.0345	3	ND	Pass
Acephate	0.0103	0.0345	3	ND	Pass	Hexythiazox	0.0103	0.0345	2	ND	Pass
Acequinocyl	0.0103	0.0345	2	ND	Pass	Imazalil	0.0103	0.0345	0.1	ND	Pass
Acetamiprid	0.0103	0.0345	3	ND	Pass	Imidacloprid	0.0103	0.0345	3	ND	Pass
Aldicarb	0.0103	0.0345	0.1	ND	Pass	Kresoxim Methyl	0.0103	0.0345	1	ND	Pass
Azadirachtin	0.0103	0.0345		ND	Tested	Malathion	0.0103	0.0345	2	ND	Pass
Azoxystrobin	0.0103	0.0345	3	ND	Pass	Metalaxyl	0.0103	0.0345	3	ND	Pass
Bifenazate	0.0103	0.0345	3	ND	Pass	Methiocarb	0.0103	0.0345	0.1	ND	Pass
Bifenthrin	0.0103	0.0345	0.5	ND	Pass	Methomyl	0.0103	0.0345	0.1	ND	Pass
Boscalid	0.0103	0.0345	3	ND	Pass	Mevinphos	0.0103	0.0345	0.1	ND	Pass
Captan	0.0827	0.276	3	ND	Pass	MGK-264	0.0207	0.0689		ND	Tested
Carbaryl	0.0103	0.0345	0.5	ND	Pass	Myclobutanil	0.0103	0.0345	3	ND	Pass
Carbofuran	0.0103	0.0345	0.1	ND	Pass	Naled	0.0103	0.0345	0.5	ND	Pass
Chlorantraniliprole	0.0103	0.0345	3	ND	Pass	Oxamyl	0.0103	0.0345	0.5	ND	Pass
Chlordane	0.0103	0.0345	0.1	ND	Pass	Paclobutrazol	0.0103	0.0345	0.1	ND	Pass
Chlorfenapyr	0.0103	0.0345	0.1	ND	Pass	Parathion Methyl	0.0103	0.0345	0.1	ND	Pass
Chlormequat chloride	0.0103	0.0345	3	ND	Pass	Pentachloronitrobenzene	0.0103	0.0345	0.2	ND	Pass
Chlorpyrifos	0.0103	0.0345	0.1	ND	Pass	Permethrins	0.0103	0.0345	1	ND	Pass
Clofentezine	0.0103	0.0345	0.5	ND	Pass	Phosmet	0.0103	0.0345	0.2	ND	Pass
Coumaphos	0.0103	0.0345	0.1	ND	Pass	Piperonyl Butoxide	0.0103	0.0345	3	ND	Pass
Cyfluthrin	0.0103	0.0345	1	ND	Pass	Prallethrin	0.0413	0.0345	0.4	ND	Pass
Cypermethrin	0.0207	0.0689	1	ND	Pass	Propiconazole	0.0103	0.0345	1	ND	Pass
Daminozide	0.0103	0.0345	0.1	ND	Pass	Propoxur	0.0103	0.0345	0.1	ND	Pass
Diazinon	0.0103	0.0345	0.2	ND	Pass	Pyrethrins	0.0413	0.138	1	ND	Pass
Dichlorvos	0.0103	0.0345	0.1	ND	Pass	Pyridaben	0.0103	0.0345	3	ND	Pass
Dimethoate	0.0103	0.0345	0.1	ND	Pass	Spinetoram	0.0103	0.0345	3	ND	Pass
Dimethomorph	0.0103	0.0345	3	ND	Pass	Spinosad	0.0103	0.0345	3	ND	Pass
Ethoprophos	0.0103	0.0345	0.1	ND	Pass	Spiromesifen	0.0103	0.0345	3	ND	Pass
Etofenprox	0.0103	0.0345	0.1	ND	Pass	Spirotetramat	0.0103	0.0345	3	ND	Pass
Etoxazole	0.0103	0.0345	1.5	ND	Pass	Spiroxamine	0.0103	0.0345	0.1	ND	Pass
Fenhexamid	0.0103	0.0345	3	ND	Pass	Tebuconazole	0.0103	0.0345	1	ND	Pass
Fenoxycarb	0.0103	0.0345	0.1	ND	Pass	Thiacloprid	0.0103	0.0345	0.1	ND	Pass
Fenpyroximate	0.0103	0.0345	2	ND	Pass	Thiamethoxam	0.0103	0.0345	0.1	ND	Pass
Fipronil	0.0103	0.0345	0.1	ND	Pass	Trifloxystrobin	0.0103	0.0345	3	ND	Pass
Flonicamid	0.0103	0.0345	2	ND	Pass						

Date Tested: 06/22/2026

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: 06/23/2026
SOP 502; ICPMS.



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