



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: 3 units
Batch/Lot: GV-PYU-002

Received: 04/02/2026
Completed: 04/08/2026
Sampled by: Client

Sample ID: 260401TRI017.004
Sample Description: Pineapple Yuzu

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
Pass



Cannabinoids

Complete

5.521 mg/unit 0.001544% Total THC	5.306 mg/unit 0.001484% Total CBD	ND ND Total CBG	10.83 mg/unit 0.003028% Total Cannabinoids
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Analyte	LOD mg/unit	LOQ mg/unit	Result mg/unit	Result %
CBC	0.1171	0.3905	ND	ND
CBCa	0.2275	0.7584	ND	ND
CBD	0.1171	0.3905	5.306	0.001484
CBDa	0.1171	0.3905	ND	ND
CBDV	0.1171	0.3905	ND	ND
CBDVa	0.1171	0.3905	ND	ND
CBG	0.1171	0.3905	ND	ND
CBGa	0.1171	0.3905	ND	ND
CBL	0.1171	0.3905	ND	ND
CBN	0.1171	0.3905	ND	ND
Δ8-THC	0.1171	0.3905	ND	ND
Δ9-THC	0.1171	0.3905	5.521	0.001544
THCa	0.1171	0.3905	ND	ND
THCV	0.1171	0.3905	ND	ND
THCVa	0.1171	0.3905	ND	ND
Total			10.83	0.003028

Date Analyzed: 04/02/2026

1 Unit = 12fl oz can, 357.5560g; 1 servings per container; 5.5 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.



Kristen Goedde
Quality Manager

Tom Barkley
Laboratory Director

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Terpenes

Analyte	LOD	LOQ	Result	Result
	%	%	%	mg/g
3-Carene	0.000291	0.000883	ND	ND
α -Bisabolol	0.000291	0.000883	ND	ND
α -Cedrene	0.000291	0.000883	ND	ND
α -Humulene	0.000291	0.000883	ND	ND
α -Phellandrene	0.000291	0.000883	ND	ND
α -Pinene	0.000291	0.000883	ND	ND
α -Terpinene	0.000291	0.000883	ND	ND
Caryophyllene	0.000291	0.000883	ND	ND
β -Myrcene	0.000291	0.000883	ND	ND
β -Pinene	0.000291	0.000883	ND	ND
Borneol	0.00939	0.0282	ND	ND
Camphene	0.000291	0.000883	ND	ND
Camphor	0.00117	0.00352	ND	ND
Caryophyllene Oxide	0.000593	0.00177	ND	ND
Cedrol	0.000291	0.000883	ND	ND
δ -Limonene	0.000291	0.000883	ND	ND
Fenchyl Alcohol	0.000291	0.000883	ND	ND
Eucalyptol	0.000291	0.000883	ND	ND
Fenchone	0.000593	0.00177	ND	ND
γ -Terpinene	0.000291	0.000883	ND	ND
Geraniol	0.0188	0.0563	ND	ND
Geranyl Acetate	0.000291	0.000883	ND	ND
Guaial	0.000291	0.000883	ND	ND
Isoborneol	0.00117	0.00352	ND	ND
Isopulegol	0.000291	0.000883	ND	ND
Linalool	0.000291	0.000883	ND	ND
Menthol	0.000593	0.00177	ND	ND
Nerol	0.00939	0.0282	ND	ND
Nerolidol	0.000291	0.000883	ND	ND
Ocimene	0.000291	0.000883	ND	ND
Pulegone	0.000291	0.000883	ND	ND
Sabinene	0.000291	0.000883	ND	ND
Sabinene Hydrate	0.000291	0.000883	ND	ND
Terpineol	0.000291	0.000883	ND	ND
Terpinolene	0.000291	0.000883	ND	ND
Valencene	0.000291	0.000883	ND	ND
Total			0.00	0.00

					0.00%
					Total Terpenes

Date Analyzed: 04/06/2026
SOP.202; HS-GC-MS.



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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: 04/07/2026
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	0.000837	0.00279		ND	Tested
Aflatoxin B2	0.000837	0.00279		ND	Tested
Aflatoxin G1	0.000837	0.00279		ND	Tested
Aflatoxin G2	0.000837	0.00279		ND	Tested
Total Aflatoxins			0.02	ND	Pass
Ochratoxin A	0.00335	0.0112	0.02	ND	Pass

Date Analyzed: 04/06/2026
SOP.402; LC-MS/MS.

Foreign Matter

Pass

Date Analyzed: 04/02/2026

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.



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4 of 6

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Solvents

Pass

Analyte	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
1,1- Dichloroethene	0.0381	0.114	8	ND	Pass
1,2-Dichloroethane	0.152	0.457	2	ND	Pass
Acetone	15.2	45.7	750	ND	Pass
Acetonitrile	15.2	45.7	60	ND	Pass
Benzene	0.0381	0.114	1	ND	Pass
Butane	15.2	45.7	5000	ND	Pass
Chloroform	0.0381	0.114	2	ND	Pass
Ethanol	15.2	45.7	5000	526	Pass
Ethyl acetate	15.2	45.7	400	ND	Pass
Ethyl ether	15.2	45.7	500	ND	Pass
Ethylene oxide	0.152	0.457	5	ND	Pass
Heptane	15.2	45.7	5000	ND	Pass
n-Hexane	7.61	22.8	250	ND	Pass
Isopropyl alcohol	15.2	45.7	500	ND	Pass
Methanol	30.5	91.4	250	ND	Pass
Methylene chloride	0.0761	0.228	125	ND	Pass
Pentane	3.81	11.4	750	ND	Pass
Propane	7.61	22.8	5000	ND	Pass
Toluene	7.61	22.8	150	ND	Pass
Trichloroethylene	0.0381	0.114	25	ND	Pass
Xylenes	7.61	22.8	150	ND	Pass

Date Analyzed: 04/03/2026
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	0.0105	0.0349	0.3	ND	Pass	Fludioxonil	0.0105	0.0349	3	ND	Pass
Acephate	0.0105	0.0349	3	ND	Pass	Hexythiazox	0.0105	0.0349	2	ND	Pass
Acequinocyl	0.0105	0.0349	2	ND	Pass	Imazalil	0.0105	0.0349	0.1	ND	Pass
Acetamiprid	0.0105	0.0349	3	ND	Pass	Imidacloprid	0.0105	0.0349	3	ND	Pass
Aldicarb	0.0105	0.0349	0.1	ND	Pass	Kresoxim Methyl	0.0105	0.0349	1	ND	Pass
Azoxystrobin	0.0105	0.0349	3	ND	Pass	Malathion	0.0105	0.0349	2	ND	Pass
Bifenazate	0.0105	0.0349	3	ND	Pass	Metalaxyl	0.0105	0.0349	3	ND	Pass
Bifenthrin	0.0105	0.0349	0.5	ND	Pass	Methiocarb	0.0105	0.0349	0.1	ND	Pass
Boscalid	0.0105	0.0349	3	ND	Pass	Methomyl	0.0105	0.0349	0.1	ND	Pass
Captan	0.0837	0.279	3	ND	Pass	Mevinphos	0.0105	0.0349	0.1	ND	Pass
Carbaryl	0.0105	0.0349	0.5	ND	Pass	MGK-264	0.0209	0.0698		ND	Tested
Carbofuran	0.0105	0.0349	0.1	ND	Pass	Myclobutanil	0.0105	0.0349	3	ND	Pass
Chlorantraniliprole	0.0105	0.0349	3	ND	Pass	Naled	0.0105	0.0349	0.5	ND	Pass
Chlordane	0.0105	0.0349	0.1	ND	Pass	Oxamyl	0.0105	0.0349	0.5	ND	Pass
Chlorfenapyr	0.0105	0.0349	0.1	ND	Pass	Paclobutrazol	0.0105	0.0349	0.1	ND	Pass
Chlormequat chloride	0.0105	0.0349	3	ND	Pass	Parathion Methyl	0.0105	0.0349	0.1	ND	Pass
Chlorpyrifos	0.0105	0.0349	0.1	ND	Pass	Pentachloronitrobenzene	0.0105	0.0349	0.2	ND	Pass
Clofentezine	0.0105	0.0349	0.5	ND	Pass	Permethrins	0.0105	0.0349	1	ND	Pass
Coumaphos	0.0105	0.0349	0.1	ND	Pass	Phosmet	0.0105	0.0349	0.2	ND	Pass
Cyfluthrin	0.0105	0.0349	1	ND	Pass	Piperonyl Butoxide	0.0105	0.0349	3	ND	Pass
Cypermethrin	0.0209	0.0698	1	ND	Pass	Prallethrin	0.0419	0.0349	0.4	ND	Pass
Daminozide	0.0105	0.0349	0.1	ND	Pass	Propiconazole	0.0105	0.0349	1	ND	Pass
Diazinon	0.0105	0.0349	0.2	ND	Pass	Propoxur	0.0105	0.0349	0.1	ND	Pass
Dichlorvos	0.0105	0.0349	0.1	ND	Pass	Pyrethrins	0.0419	0.140	1	ND	Pass
Dimethoate	0.0105	0.0349	0.1	ND	Pass	Pyridaben	0.0105	0.0349	3	ND	Pass
Dimethomorph	0.0105	0.0349	3	ND	Pass	Spinetoram	0.0105	0.0349	3	ND	Pass
Ethoprophos	0.0105	0.0349	0.1	ND	Pass	Spinosad	0.0105	0.0349	3	ND	Pass
Etofenprox	0.0105	0.0349	0.1	ND	Pass	Spiromesifen	0.0105	0.0349	3	ND	Pass
Etoxazole	0.0105	0.0349	1.5	ND	Pass	Spirotetramat	0.0105	0.0349	3	ND	Pass
Fenhexamid	0.0105	0.0349	3	ND	Pass	Spiroxamine	0.0105	0.0349	0.1	ND	Pass
Fenoxycarb	0.0105	0.0349	0.1	ND	Pass	Tebuconazole	0.0105	0.0349	1	ND	Pass
Fenpyroximate	0.0105	0.0349	2	ND	Pass	Thiacloprid	0.0105	0.0349	0.1	ND	Pass
Fipronil	0.0105	0.0349	0.1	ND	Pass	Thiamethoxam	0.0105	0.0349	0.1	ND	Pass
Flonicamid	0.0105	0.0349	2	ND	Pass	Trifloxystrobin	0.0105	0.0349	3	ND	Pass

Date Tested: 04/06/2026
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		1.01	Tested
Zinc	1.67	5.00		ND	Tested

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