Certificate of Analysis

Produced: Mar 31, 2025

Sample: Coastallo Grape Soda 5mg (Edible Liquid) • **Client**: Urban Artifact (Mail In) • **Batch**: Pass

Matrix: Edible Liquid
Density: 1.0167 g/ml
Category: Infused Beverages
Sample ID: ICM-250325-010
Collected on: Mar 25, 2025
Received on: Mar 25, 2025
Batch Size: 4 Units
Sample Size: 4 Units
Received By: Vanessa Whitehead
Package Size: 360.93 g
Serving Size: 12 US fl oz

Batch Result: Pass

Potency	Pass	**Mycotoxins**	Pass
Foreign	Pass	**Pesticides**	Pass
Metals	Pass	**Solvents**	Pass
Microbial	Pass	**Water Activity**	Tested

Cannabinoid Overview

Δ^9-THC Per Package:	**5.111 Milligrams**
CBD Per Package:	**< LOQ Milligrams**

POT-001: Cannabinoids by HPLC-DAD

Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/ml)	Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/ml)
CBC	ND	ND	ND	0.001/0.003	**CBN**	< LOQ	< LOQ	< LOQ	0.000/0.001
CBCA	ND	ND	ND	0.001/0.004	**CBNA**	ND	ND	ND	0.001/0.002
CBCV	ND	ND	ND	0.001/0.002	**CBT**	ND	ND	ND	0.001/0.002
CBD	< LOQ	< LOQ	< LOQ	0.000/0.002	**Δ^8 + Δ^9-THC***	3.6093	0.001	0.01	
CBDA	ND	ND	ND	0.001/0.002	**Δ^8-THC**	< LOQ	< LOQ	< LOQ	0.000/0.001
CBDV	ND	ND	ND	0.001/0.003	**Δ^9-THC**	3.6093	0.001	0.01	0.000/0.000
CBDVA	< LOQ	< LOQ	< LOQ	0.000/0.001	**THCA**	< LOQ	< LOQ	< LOQ	0.000/0.002
CBG	ND	ND	ND	0.001/0.002	**THCV**	< LOQ	< LOQ	< LOQ	0.000/0.001
CBGA	ND	ND	ND	0.001/0.002	**THCVA**	< LOQ	< LOQ	< LOQ	0.000/0.001
CBL	ND	ND	ND	0.001/0.002	**Total THC****	3.6093	0.001	0.01	
CBLA	< LOQ	< LOQ	< LOQ	0.000/0.001	**Total CBD****	< LOQ	< LOQ	< LOQ	

* Beyond scope of accreditation

Total THC = THCa * 0.877 + d9-THC; Total CBD = CBDa * 0.877 + CBD; NR= Not Reported, ND= Not Detected, *Reported by Dry Mass*; *analytical instrumentation used Cannabinoids: UHPLC-DAD, Moisture: Mass by Drying, Water Activity: Water Activity Meter, Foreign: Microscope* *Density tested at a temperature range between 19-24 °C, *Water Activity tested at a humidity range between 0-90% Relative Humidity. All OA samples are sampled by the client, All Michigan State Compliant samples sampled using SAMPL-SOP-001.

Results Certified By: David Egerton
Lab Director, Infinite Chemical Analysis Labs MI
Mar 31, 2025

LCP-001: Chemical Residues by LC-MS/MS

Analyte	Amt (µg/g)	Limit (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Abamectin	ND	0.5	0.006/0.021	Pass
Acephate	ND	0.4	0.004/0.013	Pass
Acequinocyl	ND	2	0.008/0.025	Pass
Acetamiprid	ND	0.2	0.005/0.017	Pass
Aldicarb	ND	0.4	0.006/0.021	Pass
Azoxystrobin	ND	0.2	0.005/0.017	Pass
Bifenazate	ND	0.2	0.006/0.021	Pass
Bifenthrin	ND	0.2	0.011/0.035	Pass
Boscalid	ND	0.4	0.005/0.018	Pass
Carbaryl	ND	0.2	0.004/0.013	Pass
Carbofuran	ND	0.2	0.005/0.016	Pass
Chlorantraniliprole	ND	0.2	0.005/0.016	Pass
Chlorpyrifos	ND	0.2	0.003/0.011	Pass
Clofentezine	ND	0.2	0.005/0.018	Pass
Daminozide	ND	1	0.011/0.035	Pass
Diazinon	ND	0.2	0.004/0.013	Pass
Dichlorvos	ND	1	0.004/0.013	Pass
Dimethoate	ND	0.2	0.005/0.016	Pass
Ethoprophos	ND	0.2	0.004/0.012	Pass
Etofenprox	ND	0.4	0.005/0.017	Pass
Etoxazole	ND	0.2	0.005/0.017	Pass
Fenoxycarb	ND	0.2	0.006/0.020	Pass
Fenpyroximate	ND	0.4	0.004/0.014	Pass
Fipronil	ND	0.4	0.009/0.028	Pass
Flonicamid	ND	1	0.006/0.021	Pass
Fludioxonil	ND	0.4	0.009/0.031	Pass
Hexythiazox	ND	1	0.005/0.017	Pass
Imazalil	ND	0.2	0.007/0.022	Pass
Imidacloprid	ND	0.4	0.010/0.032	Pass
Kresoxim-methyl	ND	0.4	0.007/0.022	Pass
Malathion	ND	0.2	0.006/0.019	Pass
Metalaxyl	ND	0.2	0.005/0.016	Pass
Methiocarb	ND	0.2	0.004/0.014	Pass
Methomyl	ND	0.4	0.004/0.013	Pass
Myclobutanil	ND	0.2	0.011/0.036	Pass
Naled	ND	0.5	0.006/0.019	Pass
Oxamyl	ND	1	0.005/0.016	Pass
Paclobutrazol	ND	0.4	0.007/0.022	Pass
Permethrin	ND	0.2		Pass
Permethrin cis	ND		0.002/0.005	N/A
Permethrin trans	ND		0.006/0.019	N/A
Phosmet	ND	0.2	0.004/0.014	Pass
Prallethrin	ND	0.2	0.006/0.021	Pass
Propiconazole	ND	0.4	0.005/0.017	Pass
Propoxur	ND	0.2	0.004/0.014	Pass
Pyrethrins	ND	1		Pass
Pyrethrins Cinerin I	ND		0.002/0.008	N/A
Pyrethrins Jasmolin I	ND		0.001/0.003	N/A
Pyrethrins Pyrethrin I	ND		0.015/0.049	N/A
Pyridaben	ND	0.2	0.005/0.018	Pass
Spinosad	ND	0.2		Pass
Spinosad A	ND		0.004/0.015	N/A
Spinosad D	ND		0.001/0.005	N/A
Spiromesifen	ND	0.2	0.005/0.015	Pass
Spirotetramat	ND	0.2	0.006/0.019	Pass
Spiroxamine	ND	0.4	0.008/0.026	Pass
Tebuconazole	ND	0.4	0.005/0.017	Pass
Thiacloprid	ND	0.2	0.006/0.020	Pass
Thiamethoxam	ND	0.2	0.010/0.032	Pass
Trifloxystrobin	ND	0.2	0.006/0.021	Pass

GCP-001: Chemical Residues by GC-MS/MS

Analyte	Amt (µg/g)	Limit (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Chlorfenapyr	ND	1	0.036/0.108	Pass
Cyfluthrin	ND	1	0.058/0.174	Pass
Cypermethrin	ND	1	0.045/0.135	Pass
Methyl parathion	ND	0.2	0.014/0.042	Pass
MGK-264	ND	0.2	0.016/0.048	Pass
MGK-264 I	ND			N/A
MGK-264 II	ND			N/A

LCP-001, LCP-004: Mycotoxins by LC-MS/MS

Analyte	Amt (µg/kg)	Limit (µg/kg)	LOD/LOQ (µg/kg)	Pass/Fail
Aflatoxin B1	ND	20	0.810/5.000	Pass
Aflatoxin B2	ND	20	1.690/5.080	Pass
Aflatoxin G1	ND	20	1.760/5.290	Pass
Aflatoxin G2	ND	20	0.970/5.000	Pass
Ochratoxin A	ND	20	1.970/5.770	Pass

RS-001: Residual Solvents by HS-GC-MS

Analyte	Amt (µg/g)	Limit (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
1,2-Dichloroethane	ND	5	0.120/0.360	Pass
2,2-Dimethylbutane*	ND	290	0.329/0.988	Pass
2,2-Dimethylpropane	ND		0.177/0.532	N/A
2,3-Dimethylbutane*	ND	290	0.632/1.896	Pass
2-Methylbutane	ND	5000	0.290/0.870	Pass
2-Methylpentane*	ND	290	0.171/0.514	Pass
3-Methylpentane	ND	290	0.129/0.386	Pass
Acetone	ND	5000	26.000/120.000	Pass
Acetonitrile	ND	410	0.940/12.000	Pass
Benzene	ND	2	0.100/0.310	Pass
Butane	ND	5000		Pass
Butanes all isomers*	ND	5000		Pass
Chloroform	ND	60	0.200/0.600	Pass
Ethanol	254.757	5000	4.390/25.000	Pass
Ethyl acetate	ND	5000	0.500/1.500	Pass
Ethylene oxide	ND	50	1.310/3.920	Pass
Ethyl ether	ND	5000	0.450/1.350	Pass
Heptane	ND	5000	0.520/1.570	Pass
Hexane	ND	290		Pass
Hexanes all isomers*	ND	290		Pass
Isobutane*	ND	5000	0.545/1.635	Pass
Isopropyl alcohol	ND	5000	2.580/20.000	Pass
Methanol	ND	3000	4.870/50.000	Pass
Methylene chloride	ND	600	0.460/1.390	Pass
Pentane	ND	5000		Pass
Pentanes all isomers*	ND	5000		Pass
Propane	ND	5000	1.560/4.670	Pass
Toluene	ND	890	0.370/1.110	Pass
Trichloroethylene	ND	80	0.090/0.280	Pass
Total xylenes	ND	2170	0.280/0.830	Pass

* Beyond scope of accreditation

MIC-004: Targeted Microbial Detection by qPCR

Analyte	Amt (CFU/g)	Pass/Fail

Analyte	Amt (CFU/g)	Pass/Fail

https://lims.tagleaf.com/coa_/LTCL2p74hH

Results Certified By: David Egerton
Lab Director, Infinite Chemical Analysis Labs MI
Mar 31, 2025

Aspergillus spp.	ND	Pass	**Shiga toxin-producing E. coli**	ND	Pass
Salmonella spp.	ND	Pass			

MIC-002: Quantitative Microbial Analysis by Petrifilm Plating

Analyte	Amt (CFU/g)	Pass/Fail	Analyte	Amt (CFU/g)	Pass/Fail
Coliforms	ND	Pass	**Yeast & Mold**	ND	Pass

HM-001: Heavy Metals by ICP-MS

Analyte	Amt (µg/g)	Limit (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Amt (µg/g)	Limit (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Arsenic	< LOQ	1.5	0.002/0.034	Pass	**Lead**	ND	0.5	0.006/0.017	Pass
Cadmium	ND	0.5	0.002/0.005	Pass	**Mercury**	ND	3	0.003/0.014	Pass
Chromium	ND	2	0.052/0.156	Pass	**Nickel**	ND		0.016/0.048	N/A
Copper	0.025		0.006/0.019	N/A					

WA-001: Water Activity by Dew Point Hygrometer

Analyte	Amt (Aw)	Limit	Pass/Fail
Water Activity	0.859		N/A

Notes

Jasmine Huffaker
Mar 29, 2025

Cannabinoids by HPLC-DAD
*CBC, CBCA, CBCV, CBDV,CBDVA,CBGA,CBL, CBLA,CBNA,CBT,THCV,THCVA have not been evaluated by the CRA and are for informational purposes only.

Accreditations

PJLA
Testing
Accreditation #95560

PJLA Accredited

LCP-001: Chemical Residues by LC-MS/MS
Abamectin, Acephate, Acequinocyl, Acetamiprid, Aldicarb, Azoxystrobin, Bifenazate, Bifenthrin, Boscalid, Carbaryl, Carbofuran, Chlorantraniliprole, Chlorpyrifos, Clofentezine, Daminozide, Diazinon, Dichlorvos, Dimethoate, Ethoprophos, Etofenprox, Etoxazole, Fenoxycarb, Fenpyroximate, Fipronil, Flonicamid, Fludioxonil, Hexythiazox, Imazalil, Imidacloprid, Kresoxim-methyl, Malathion, Metalaxyl, Methiocarb, Methomyl, Myclobutanil, Naled, Oxamyl, Paclobutrazol, Permethrin, Permethrin cis, Permethrin trans, Phosmet, Prallethrin, Propiconazole, Propoxur, Pyrethrins, Pyrethrins Cinerin I, Pyrethrins Jasmolin I, Pyrethrins Pyrethrin I, Pyridaben, Spinosad, Spinosad A, Spinosad D, Spiromesifen, Spirotetramat, Spiroxamine, Tebuconazole, Thiacloprid, Thiamethoxam, Trifloxystrobin

RS-001: Residual Solvents by HS-GC-MS
1,2-Dichloroethane, 2,2-Dimethylpropane, 2-Methylbutane, 3-Methylpentane, Acetone, Acetonitrile, Benzene, Butane, Chloroform, Ethanol, Ethyl acetate, Ethyl ether, Ethylene oxide, Heptane, Hexane, Isopropyl alcohol, Methanol, Methylene chloride, Pentane, Propane, Toluene, Total xylenes, Trichloroethylene

POT-001: Cannabinoids by HPLC-DAD
CBC, CBCA, CBCV, CBD, CBDA, CBDV, CBDVA, CBG, CBGA, CBL, CBLA, CBN, CBNA, CBT, Delta-8-THC, Delta-9-THC, THCA, THCV, THCVA, Total CBD, Total THC

GCP-001: Chemical Residues by GC-MS/MS
Chlorfenapyr, Cyfluthrin, Cypermethrin, MGK-264, MGK-264 I, MGK-264 II, Methyl parathion

MIC-004: Targeted Microbial Detection by qPCR
Aspergillus spp., Salmonella spp., Shiga toxin-producing E. coli

HM-001: Heavy Metals by ICP-MS
Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Nickel

FFM-001: Foreign Matter by Microscopic Inspection
Inorganic Matter, Organic Matter

MIC-002: Quantitative Microbial Analysis by Petrifilm Plating
Coliforms, Yeast & Mold

WA-001: Water Activity by Dew Point Hygrometer
Water Activity

https://lims.tagleaf.com/coa_/LTCL2p74hH

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