

Certificate of Analysis

Produced: Mar 04, 2025

Sample: Coastalo Red Cream 25 (Edible Liquid) • Client: Urban Artifact (Mail In) • Batch: Passed as Michigan Industrial Hemp



Matrix: Edible Liquid
Density: 1.03204 g/ml
Sample ID: ICM-250225-039
Collected on: Feb 25, 2025
Received on: Feb 25, 2025
Sample Size: 64 US fl oz
Received By: Vanessa Whitehead
Package Size: 473 ml
Serving Size: 473 ml

Batch Result: Passed as Michigan Industrial Hemp

Potency	Pass	Mycotoxins	Tested
Foreign	Tested	Pesticides	Tested
Metals	Tested	Solvents	Tested
Microbial	Tested		

Cannabinoid Overview

Δ⁹-THC:	24.408 mg/srv
CBD:	< LOQ
Sum of Cannabinoids:	24.408 mg/srv

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*	24.407746	0.005	0.05	
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	24.407746	0.005	0.05	0.000/0.001
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**	24.407746	0.005	0.05	
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.



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

Analyte	Amt (µg/g)	Limit	LOD/LOQ (µg/g)	Pass/Fail
Naled	ND		0.006/0.019	N/A
Oxamyl	ND		0.005/0.016	N/A
Phosmet	ND		0.004/0.014	N/A
Acephate	ND		0.004/0.013	N/A
Aldicarb	ND		0.006/0.021	N/A
Boscalid	ND		0.005/0.018	N/A
Carbaryl	ND		0.004/0.013	N/A
Diazinon	ND		0.004/0.013	N/A
Fipronil	ND		0.009/0.028	N/A
Imazalil	ND		0.007/0.022	N/A
Methomyl	ND		0.004/0.013	N/A
Propoxur	ND		0.004/0.014	N/A
Abamectin	ND		0.006/0.021	N/A
Etoxazole	ND		0.005/0.017	N/A
Malathion	ND		0.006/0.019	N/A
Metalaxyl	ND		0.005/0.016	N/A
Pyridaben	ND		0.005/0.018	N/A
Bifenazate	ND		0.006/0.021	N/A
Bifenthrin	ND		0.011/0.035	N/A
Carbofuran	ND		0.005/0.016	N/A
Daminozide	ND		0.011/0.035	N/A
Dichlorvos	ND		0.004/0.013	N/A
Dimethoate	ND		0.005/0.016	N/A
Etofenprox	ND		0.005/0.017	N/A
Fenoxycarb	ND		0.006/0.020	N/A
Flonicamid	ND		0.006/0.021	N/A
Methiocarb	ND		0.004/0.014	N/A
Spinosad A	ND		0.004/0.015	N/A
Spinosad D	ND		0.001/0.005	N/A

Analyte	Amt (µg/g)	Limit	LOD/LOQ (µg/g)	Pass/Fail
Acequinocyl	ND		0.008/0.025	N/A
Acetamiprid	ND		0.005/0.017	N/A
Ethoprophos	ND		0.004/0.012	N/A
Fludioxonil	ND		0.009/0.031	N/A
Hexythiazox	ND		0.005/0.017	N/A
Prallethrin	ND		0.006/0.021	N/A
Spiroxamine	ND		0.008/0.026	N/A
Thiacloprid	ND		0.006/0.020	N/A
Azoxystrobin	ND		0.005/0.017	N/A
Chlorpyrifos	ND		0.003/0.011	N/A
Clofentezine	ND		0.005/0.018	N/A
Imidacloprid	ND		0.010/0.032	N/A
Myclobutanil	ND		0.011/0.036	N/A
Spiromesifen	ND		0.005/0.015	N/A
Tebuconazole	ND		0.005/0.017	N/A
Thiamethoxam	ND		0.010/0.032	N/A
Fenpyroximate	ND		0.004/0.014	N/A
Paclbutrazol	ND		0.007/0.022	N/A
Propiconazole	ND		0.005/0.017	N/A
Spirotetramat	ND		0.006/0.019	N/A
Permethrin cis	ND		0.002/0.005	N/A
Kresoxim-methyl	ND		0.007/0.022	N/A
Trifloxystrobin	ND		0.006/0.021	N/A
Permethrin trans	ND		0.006/0.019	N/A
Chlorantraniliprole	ND		0.005/0.016	N/A
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

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

Analyte	Amt (µg/g)	Limit	LOD/LOQ (µg/g)	Pass/Fail
MGK-264 I	ND			N/A
Cyfluthrin	ND		0.058/0.174	N/A
MGK-264 II	ND			N/A

Analyte	Amt (µg/g)	Limit	LOD/LOQ (µg/g)	Pass/Fail
Chlorfenapyr	ND		0.036/0.108	N/A
Cypermethrin	ND		0.045/0.135	N/A
Methyl parathion	ND		0.014/0.042	N/A

* Beyond scope of accreditation

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

Analyte	Amt (µg/kg)	Limit	LOD/LOQ (µg/kg)	Pass/Fail
Aflatoxin B1	ND		0.810/5.000	N/A
Aflatoxin B2	ND		1.690/5.080	N/A
Aflatoxin G1	ND		1.760/5.290	N/A

Analyte	Amt (µg/kg)	Limit	LOD/LOQ (µg/kg)	Pass/Fail
Aflatoxin G2	ND		0.970/5.000	N/A
Ochratoxin A	ND		1.970/5.770	N/A

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

Analyte	Amt (µg/g)	Limit	LOD/LOQ (µg/g)	Pass/Fail
Butane	ND			N/A
Hexane	ND			N/A
Acetone	ND		26.000/120.000	N/A
Benzene	ND		0.100/0.310	N/A
Ethanol	326.439		4.390/25.000	N/A
Heptane	ND		0.520/1.570	N/A
Pentane	ND			N/A
Propane	ND		1.560/4.670	N/A
Toluene	ND		0.370/1.110	N/A
Methanol	98.551		4.870/50.000	N/A
o-Xylene*	ND			N/A
Isobutane*	ND			N/A
Chloroform	ND		0.200/0.600	N/A
Ethyl ether	ND		0.450/1.350	N/A

Analyte	Amt (µg/g)	Limit	LOD/LOQ (µg/g)	Pass/Fail
Acetonitrile	ND		0.940/12.000	N/A
Ethyl acetate	ND		0.500/1.500	N/A
2-Methylbutane*	ND			N/A
Ethylene oxide	ND		1.310/3.920	N/A
2-Methylpentane*	ND			N/A
3-Methylpentane*	ND			N/A
p- and m-Xylene*	ND			N/A
Isopropyl alcohol	ND		2.580/20.000	N/A
Trichloroethylene	ND			N/A
1,2-Dichloroethane	ND		0.120/0.360	N/A
2,2-Dimethylbutane*	ND			N/A
2,3-Dimethylbutane*	ND			N/A
Methylene chloride	ND			N/A
2,2-Dimethylpropane*	ND			N/A

* Beyond scope of accreditation

MIC-002: Quantitative Microbial Analysis by Petrifilm Plating

Analyte	Amt (CFU/g)	Pass/Fail
Coliforms	ND	N/A

Analyte	Amt (CFU/g)	Pass/Fail
Yeast & Mold	ND	N/A



MIC-004: Targeted Microbial Detection by qPCR

Analyte	Amt (CFU/g)	Pass/Fail
Salmonella spp.	ND	N/A
Aspergillus spp.	ND	N/A

Analyte	Amt (CFU/g)	Pass/Fail
Shiga toxin-producing E. coli	ND	N/A

HM-001: Heavy Metals by ICP-MS

Analyte	Amt (µg/g)	Limit	LOD/LOQ (µg/g)	Pass/Fail
Lead	ND		0.006/0.017	N/A
Copper	0.044		0.006/0.019	N/A
Nickel	< LOQ		0.016/0.048	N/A
Arsenic	ND		0.002/0.034	N/A

Analyte	Amt (µg/g)	Limit	LOD/LOQ (µg/g)	Pass/Fail
Cadmium	ND		0.002/0.005	N/A
Mercury	ND		0.003/0.014	N/A
Chromium	ND		0.052/0.156	N/A

Notes

Jasmine Huffaker
Mar 04, 2025

Cannabinoids by HPLC-DAD
*CBC, CBCA, CBCV, CBDV, CBDVA, CBGA, CBL, CBLA, CBNA, CBT, THC, 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, Clofentazine, Daminozide, Diazinon, Dichlorvos, Dimethoate, Ethoprophos, Etofenprox, Etoxazole, Fenoxycarb, Fenpyroximate, Fipronil, Fonicamid, Fludioxonil, Hexythiazox, Imazalil, Imidacloprid, Kresoxim-methyl, Malathion, Metalaxyl, Methiocarb, Methomyl, Myclobutanil, Naled, Oxamyl, Paclobutrazol, Permethrin cis, Permethrin trans, Phosmet, Prallethrin, Propiconazole, Propoxur, Pyrethrins Cinerin I, Pyrethrins Jasmolin I, Pyrethrins Pyrethrin I, Pyridaben, Spinosad A, Spinosad D, Spiromesifen, Spirotetramat, Spiroxamine, Tebuconazole, Thiacloprid, Thiamethoxam, Trifloxystrobin

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

1,2-Dichloroethane, 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, THC, THCVA, Total CBD, Total THC

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

Chlorfenapyr, Cyfluthrin, Cypermethrin, MGK-264, 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

