



Certificate of Analysis

Powered by Confident Cannabis

Pacific Roots LLC

13790 Bridgewater Crossings Blvd., #1080
 Windermere, Florida 34786
 (702) 965-3245

Sample: 2203DBL0124.1631

METRC Sample:
 Lot #: 50064A

Strain: N/A

Ordered: 03/11/2022; Sampled: 03/16/2022; Completed: 03/24/2022

CBD Lemonade Tincture

Ingestible, Tincture, Alcohol



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

Terpenes

Analyzed by 300.13 GC/FID and GC/MS



20.706 mg/unit
 Total Terpenes

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
δ-Limonene	4.596	20.706	0.690	
α-Bisabolol	4.596	<LOQ	<LOQ	
α-Humulene	4.596	<LOQ	<LOQ	
α-Pinene	4.596	<LOQ	<LOQ	
α-Terpinene	4.596	<LOQ	<LOQ	
β-Caryophyllene	4.596	<LOQ	<LOQ	
β-Myrcene	4.596	<LOQ	<LOQ	
β-Pinene	4.596	<LOQ	<LOQ	
Camphene	4.596	<LOQ	<LOQ	
Caryophyllene Oxide	4.596	<LOQ	<LOQ	
cis-Nerolidol	2.987	<LOQ	<LOQ	
cis-Ocimene	2.987	<LOQ	<LOQ	
δ-3-Carene	4.596	<LOQ	<LOQ	
Eucalyptol	4.596	<LOQ	<LOQ	
γ-Terpinene	4.596	<LOQ	<LOQ	
Geraniol	4.596	<LOQ	<LOQ	
Guaiol	4.596	<LOQ	<LOQ	
Isopulegol	4.596	<LOQ	<LOQ	
Linalool	4.596	<LOQ	<LOQ	
p-Cymene	4.596	<LOQ	<LOQ	
Terpinolene	4.596	<LOQ	<LOQ	
trans-Nerolidol	1.609	<LOQ	<LOQ	
trans-Ocimene	1.609	<LOQ	<LOQ	

Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

Not Tested

0.28 %
 Δ9-THC + Δ8-THC

1,782.890 mg/unit
 CBD

pH: NT
 Aw: NT

1,942.326 mg/unit
 Total Cannabinoids

Not Tested
 Homogeneity

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
CBC	1.494	42.131	1.404	
CBCa	1.494	<LOQ	<LOQ	
CBD	1.494	1782.890	59.430	
CBDa	1.494	<LOQ	<LOQ	
CBDV	1.494	16.256	0.542	
CBDVa	1.494	<LOQ	<LOQ	
CBG	1.494	10.144	0.338	
CBGa	1.494	<LOQ	<LOQ	
CBL	1.494	<LOQ	<LOQ	
CBN	1.494	7.904	0.263	
Δ8-THC	1.494	<LOQ	<LOQ	
Δ9-THC	1.494	83.001	2.767	
THCa	1.494	<LOQ	<LOQ	
THCV	1.494	<LOQ	<LOQ	
THCVa	1.494	<LOQ	<LOQ	

1 Unit = CBD Lemonade Tincture, 30g

Total THC = 0.877 x THC-A + Δ9-THC + Δ8-THC; Total CBD = CBDa * 0.877 + CBD



Benjamin G.M. Chew, Ph.D.
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 Laboratory Director

Glen Marquez
 Glen Marquez
 Quality Control



4439 Polaris Ave
 Las Vegas, NV
 (702) 728-5180

www.dblabslv.com

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CBD Lemonade Tincture

Ingestible, Tincture, Alcohol



Pesticides

Analyzed by 300.9 LC/MS/MS and GC/MS/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Abamectin	10	0	<LOQ	Pass
Acequinocyl	10	4000	<LOQ	Pass
Bifenazate	10	400	<LOQ	Pass
Bifenthrin	10	0	<LOQ	Pass
Cyfluthrin	10	2000	<LOQ	Pass
Cypermethrin	10	0	<LOQ	Pass
Daminozide	10	0	<LOQ	Pass
Dimethomorph	10	2000	<LOQ	Pass
Etoxazole	10	400	<LOQ	Pass
Fenhexamid	10	1000	<LOQ	Pass
Flonicamid	10	1000	<LOQ	Pass
Fludioxonil	10	500	<LOQ	Pass
Imidacloprid	10	500	<LOQ	Pass
Myclobutanil	10	400	<LOQ	Pass
Pacllobutrazol	10	0	<LOQ	Pass
Piperonyl Butoxide	10	3000	<LOQ	Pass
Pyrethrins	10	2000	<LOQ	Pass
Quintozene	10	800	<LOQ	Pass
Spinetoram	10	1000	<LOQ	Pass
Spinosad	10	1000	<LOQ	Pass
Spirotetramat	10	1000	<LOQ	Pass
Thiamethoxam	10	400	<LOQ	Pass
Trifloxystrobin	10	1000	<LOQ	Pass
Plant Growth Regulators	10	50	<LOQ	Pass

Microbials

Analyzed by 300.1 Plating/QPCR

Pass

Quantitative Analysis	LOQ	Limit	Mass	Status
	CFU/g	CFU/g	CFU/g	
Aerobic Bacteria	900	100000	<LOQ	Pass
Bile-Tolerant Gram-Negative Bacteria	90	1000	<LOQ	Pass

Qualitative Analysis	Detected or Not Detected	Status
E. Coli	Not Detected	Pass
Salmonella	Not Detected	Pass

Mycotoxins

Analyzed by 300.2 Elisa

Pass

Mycotoxin	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Aflatoxins	4.0	20.0	<LOQ	Pass
Ochratoxin A	2.0	20.0	<LOQ	Pass

Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	47	2000	<LOQ	Pass
Cadmium	47	820	<LOQ	Pass
Lead	47	1200	<LOQ	Pass
Mercury	47	400	<LOQ	Pass

Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	98	500	<LOQ	Pass
Ethanol	98		<LOQ	Tested
Heptanes	98	500	<LOQ	Pass
Propane	98	500	<LOQ	Pass



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