



Certificate of Analysis

Powered by Confident Cannabis

Trace Minerals Research LLC.

Sample: 1903DBL0226.2628

1996 W 3300 South
Ogden, UT 84401
(801) 731-6051

Batch #: 9093A

Ordered: 03/20/2019; Sampled: 03/21/2019; Completed: 03/30/2019

CBD 300mg

Ingestible, Tincture, Alcohol



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

Terpenes

Analyzed by 300.13 GC/FID and GC/MS

1.877 mg/unit
Total Terpenes



Compound	LOD mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
β-Caryophyllene	0.035	1.289	0.045	
α-Humulene	0.035	0.588	0.021	
α-Bisabolol	0.035	<LOQ	<LOQ	
α-Pinene	0.035	<LOQ	<LOQ	
α-Terpinene	0.035	<LOQ	<LOQ	
β-Myrcene	0.035	<LOQ	<LOQ	
β-Pinene	0.035	<LOQ	<LOQ	
Camphene	0.035	<LOQ	<LOQ	
Caryophyllene Oxide	0.035	<LOQ	<LOQ	
cis-Nerolidol	0.035	<LOQ	<LOQ	
cis-Ocimene	0.035	<LOQ	<LOQ	
δ-3-Carene	0.035	<LOQ	<LOQ	
δ-Limonene	0.035	<LOQ	<LOQ	
Eucalyptol	0.035	<LOQ	<LOQ	
γ-Terpinene	0.035	<LOQ	<LOQ	
Guaiol	0.035	<LOQ	<LOQ	
Isopulegol	0.035	<LOQ	<LOQ	
Linalool	0.035	<LOQ	<LOQ	
p-Cymene	0.035	<LOQ	<LOQ	
Terpinolene	0.035	<LOQ	<LOQ	
trans-Nerolidol	0.035	<LOQ	<LOQ	
trans-Ocimene	0.035	<LOQ	<LOQ	

LOD = Limit of Detection

Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

0.352 mg/serving	9.081 mg/serving	Pass
10.545 mg/unit	272.431 mg/unit	
0.04 %	CBD	pH: NT
Δ9-THC + Δ8-THC	9.921 mg/serving	Aw: 0.3487
	297.617 mg/unit	Not Tested
	Total Cannabinoids	Homogeneity

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
CBC	1.765	8.701	0.305	
CBCa	1.765	<LOQ	<LOQ	
CBD	1.765	272.431	9.559	
CBDa	1.765	<LOQ	<LOQ	
CBDV	1.765	<LOQ	<LOQ	
CBDVa	1.765	<LOQ	<LOQ	
CBG	1.765	5.940	0.208	
CBGa	1.765	<LOQ	<LOQ	
CBL	1.765	<LOQ	<LOQ	
CBN	1.765	<LOQ	<LOQ	
Δ8-THC	1.765	<LOQ	<LOQ	
Δ9-THC	1.765	10.545	0.370	
THCa	1.765	<LOQ	<LOQ	
THCV	1.765	<LOQ	<LOQ	
THCVa	1.765	<LOQ	<LOQ	

1 Unit = CBD 300mg, 28.5g; Serving size: 1 mL; Servings per container: 30
Total THC = 0.877 x THC-A + Δ9-THC + Δ8-THC; Total CBD = CBDa * 0.877 + CBD



Stacy Gardalen

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Quality Control

Glen Marquez

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CBD 300mg

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	50	<LOQ	Pass
Acequinocyl	10	4000	<LOQ	Pass
Bifenazate	10	15000	<LOQ	Pass
Bifenthrin	10	50	<LOQ	Pass
Cyfluthrin	10	4000	<LOQ	Pass
Cypermethrin	10	50	<LOQ	Pass
Daminozide	10	50	<LOQ	Pass
Dimethomorph	10	60000	<LOQ	Pass
Etoxazole	10	7000	<LOQ	Pass
Fenhexamid	10	30000	<LOQ	Pass
Flonicamid	10	7000	<LOQ	Pass
Fludioxonil	10	20	<LOQ	Pass
Imidacloprid	10	50	<LOQ	Pass
Myclobutanil	10	4000	<LOQ	Pass
Paclbutrazol	10	50	<LOQ	Pass
Piperonyl Butoxide	10	10000	<LOQ	Pass
Pyrethrins	10	1000	<LOQ	Pass
Quintozene	10	200	<LOQ	Pass
Spinetoram	10	1700	<LOQ	Pass
Spinosad	10	10000	<LOQ	Pass
Spirotetramat	10	10000	<LOQ	Pass
Thiamethoxam	10	20	<LOQ	Pass
Trifloxystrobin	10	11000	<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	4.1	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	25	2000	<LOQ	Pass
Cadmium	25	820	<LOQ	Pass
Lead	25	1200	<LOQ	Pass
Mercury	25	400	<LOQ	Pass

Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	79	500	<LOQ	Pass
Heptanes	79	500	<LOQ	Pass
Propane	79	500	<LOQ	Pass
Ethanol	79	500	<LOQ	Pass



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Cypermethrin	10	50	<LOQ	Pass
Daminozide	10	50	<LOQ	Pass
Dimethomorph	10	60000	<LOQ	Pass
Etoxazole	10	7000	<LOQ	Pass
Fenhexamid	10	30000	<LOQ	Pass
Flonicamid	10	7000	<LOQ	Pass
Fludioxonil	10	20	<LOQ	Pass
Imidacloprid	10	50	<LOQ	Pass
Myclobutanil	10	4000	<LOQ	Pass
Paclobutrazol	10	50	<LOQ	Pass
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Pyrethrins	10	1000	<LOQ	Pass
Quintozene	10	200	<LOQ	Pass
Spinetoram	10	1700	<LOQ	Pass
Spinosad	10	10000	<LOQ	Pass
Spirotetramat	10	10000	<LOQ	Pass
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