



# Certificate of Analysis

Powered by Confident Cannabis

Trace Minerals Research LLC.

Sample: 1903DBL0188.2548

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

Batch #: SN125451

Ordered: 03/18/2019; Sampled: 03/20/2019; Completed: 03/30/2019

## CBD 20mg

Ingestible, Capsule, Alcohol



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

### Terpenes

Analyzed by 300.13 GC/FID and GC/MS



0.168 mg/unit  
Total Terpenes

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
β-Caryophyllene	0.101	0.129	0.198	
trans-Nerolidol	0.035	0.039	0.059	
α-Bisabolol	0.101	<LOQ	<LOQ	
α-Humulene	0.101	<LOQ	<LOQ	
α-Pinene	0.101	<LOQ	<LOQ	
α-Terpinene	0.101	<LOQ	<LOQ	
β-Myrcene	0.101	<LOQ	<LOQ	
β-Pinene	0.101	<LOQ	<LOQ	
Camphene	0.101	<LOQ	<LOQ	
Caryophyllene Oxide	0.101	<LOQ	<LOQ	
cis-Nerolidol	0.065	<LOQ	<LOQ	
cis-Ocimene	0.065	<LOQ	<LOQ	
δ-3-Carene	0.101	<LOQ	<LOQ	
δ-Limonene	0.101	<LOQ	<LOQ	
Eucalyptol	0.101	<LOQ	<LOQ	
γ-Terpinene	0.101	<LOQ	<LOQ	
Guaiol	0.101	<LOQ	<LOQ	
Isopulegol	0.101	<LOQ	<LOQ	
Linalool	0.101	<LOQ	<LOQ	
p-Cymene	0.101	<LOQ	<LOQ	
Terpinolene	0.101	<LOQ	<LOQ	
trans-Ocimene	0.035	<LOQ	<LOQ	

### Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

Pass

0.910 mg/unit  
0.14 %  
Δ9-THC + Δ8-THC

18.485 mg/unit  
CBD

pH: NT  
Aw: 0.2262

21.187 mg/unit  
Total Cannabinoids

Not Tested  
Homogeneity

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
CBC	0.049	0.607	0.932	
CBCa	0.049	<LOQ	<LOQ	
CBD	0.049	18.485	28.390	
CBDa	0.049	0.075	0.115	
CBDV	0.049	0.329	0.506	
CBDVa	0.049	<LOQ	<LOQ	
CBG	0.049	0.720	1.107	
CBGa	0.049	<LOQ	<LOQ	
CBL	0.049	<LOQ	<LOQ	
CBN	0.049	<LOQ	<LOQ	
Δ8-THC	0.049	<LOQ	<LOQ	
Δ9-THC	0.049	0.910	1.397	
THCa	0.049	<LOQ	<LOQ	
THCV	0.049	<LOQ	<LOQ	
THCVa	0.049	0.061	0.093	

1 Unit = CBD 20mg, 0.6511g; Serving size: 1 softgel

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 20mg

Ingestible, Capsule, 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	800	100000	<LOQ	Pass
Bile-Tolerant Gram-Negative Bacteria	80	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	15	2000	<LOQ	Pass
Cadmium	15	820	<LOQ	Pass
Lead	15	1200	33	Pass
Mercury	15	400	<LOQ	Pass

### Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	99	500	<LOQ	Pass
Heptanes	99	500	<LOQ	Pass
Propane	99	500	<LOQ	Pass
Ethanol	99	500	195	Pass



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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
Paclobutrazol	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
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Trifloxystrobin	10	11000	<LOQ	Pass
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