



# Certificate of Analysis

Powered by Confident Cannabis

Trace Minerals Research LLC.

Sample: 1903DBL0188.2550

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

Batch #: 9016

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

## CBD 600mg

Ingestible, Tincture, Alcohol



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

### Terpenes

Analyzed by 300.13 GC/FID and GC/MS

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g
<LOQ Total Terpenes			
α-Bisabolol	2.688	<LOQ	<LOQ
α-Humulene	2.688	<LOQ	<LOQ
α-Pinene	2.688	<LOQ	<LOQ
α-Terpinene	2.688	<LOQ	<LOQ
β-Caryophyllene	2.688	<LOQ	<LOQ
β-Myrcene	2.688	<LOQ	<LOQ
β-Pinene	2.688	<LOQ	<LOQ
Camphene	2.688	<LOQ	<LOQ
Caryophyllene Oxide	2.688	<LOQ	<LOQ
cis-Nerolidol	1.747	<LOQ	<LOQ
cis-Ocimene	1.747	<LOQ	<LOQ
δ-3-Carene	2.688	<LOQ	<LOQ
δ-Limonene	2.688	<LOQ	<LOQ
Eucalyptol	2.688	<LOQ	<LOQ
γ-Terpinene	2.688	<LOQ	<LOQ
Guaiol	2.688	<LOQ	<LOQ
Isopulegol	2.688	<LOQ	<LOQ
Linalool	2.688	<LOQ	<LOQ
p-Cymene	2.688	<LOQ	<LOQ
Terpinolene	2.688	<LOQ	<LOQ
trans-Nerolidol	0.941	<LOQ	<LOQ
trans-Ocimene	0.941	<LOQ	<LOQ

### Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
0.791 mg/serving 23.724 mg/unit 0.08% Δ9-THC + Δ8-THC				
19.628 mg/serving 588.831 mg/unit CBD				
21.228 mg/serving 636.846 mg/unit Total Cannabinoids				
CBC	1.473	<LOQ	<LOQ	
CBCa	1.473	<LOQ	<LOQ	
CBD	1.473	588.831	20.870	
CBDa	1.473	<LOQ	<LOQ	
CBDV	1.473	9.691	0.343	
CBDVa	1.473	<LOQ	<LOQ	
CBG	1.473	14.600	0.517	
CBGa	1.473	<LOQ	<LOQ	
CBL	1.473	<LOQ	<LOQ	
CBN	1.473	<LOQ	<LOQ	
Δ8-THC	1.473	<LOQ	<LOQ	
Δ9-THC	1.473	23.724	0.841	
THCa	1.473	<LOQ	<LOQ	
THCV	1.473	<LOQ	<LOQ	
THCVa	1.473	<LOQ	<LOQ	

1 Unit = CBD 600mg, 28.21427024g; 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

Pass

pH: NT  
Aw: 0.3270

Not Tested  
Homogeneity



*Stacy Gardalen*

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Quality Control

*Glen Marquez*

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## CBD 600mg

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	<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	48	2000	<LOQ	Pass
Cadmium	48	820	<LOQ	Pass
Lead	48	1200	<LOQ	Pass
Mercury	48	400	<LOQ	Pass

### Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	61	500	<LOQ	Pass
Heptanes	61	500	<LOQ	Pass
Propane	61	500	<LOQ	Pass
Ethanol	61	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
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Spinetoram	10	1700	<LOQ	Pass
Spinosad	10	10000	<LOQ	Pass
Spirotetramat	10	10000	<LOQ	Pass
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