



Certificate of Analysis

Powered by Confident Cannabis

Sample: 1903DBL0131.2409

METRC Sample:

Strain: CBD Isolate

Ordered: 03/13/2019; Sampled: 03/13/2019; Completed: 03/16/2019

NTDH030119

Concentrates & Extracts, Crystalline Solid, Multiple Solvents



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

Terpenes

Analyzed by 300.13 GC/FID and GC/MS

<LOQ
Total Terpenes

Compound	LOQ %	Mass %	Mass mg/g
α -Bisabolol	0.011	<LOQ	<LOQ
α -Humulene	0.011	<LOQ	<LOQ
α -Pinene	0.011	<LOQ	<LOQ
α -Terpinene	0.011	<LOQ	<LOQ
β -Caryophyllene	0.011	<LOQ	<LOQ
β -Myrcene	0.011	<LOQ	<LOQ
β -Pinene	0.011	<LOQ	<LOQ
Camphene	0.011	<LOQ	<LOQ
Caryophyllene Oxide	0.011	<LOQ	<LOQ
cis-Nerolidol	0.007	<LOQ	<LOQ
cis-Ocimene	0.007	<LOQ	<LOQ
δ -3-Carene	0.011	<LOQ	<LOQ
δ -Limonene	0.011	<LOQ	<LOQ
Eucalyptol	0.011	<LOQ	<LOQ
γ -Terpinene	0.011	<LOQ	<LOQ
Guaiol	0.011	<LOQ	<LOQ
Isopulegol	0.011	<LOQ	<LOQ
Linalool	0.011	<LOQ	<LOQ
p-Cymene	0.011	<LOQ	<LOQ
Terpinolene	0.011	<LOQ	<LOQ
trans-Nerolidol	0.004	<LOQ	<LOQ
trans-Ocimene	0.004	<LOQ	<LOQ

Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

<LOQ
Total THC

99.581%
Total CBD

NT
Moisture: Not Tested

99.773%
Total Cannabinoids

Compound	LOQ %	Mass %	Mass mg/g	Relative Concentration
CBC	0.030	<LOQ	<LOQ	
CBCa	0.030	<LOQ	<LOQ	
CBD	0.030	99.581	995.81	
CBDa	0.030	<LOQ	<LOQ	
CBDV	0.030	0.192	1.92	
CBDVa	0.030	<LOQ	<LOQ	
CBG	0.030	<LOQ	<LOQ	
CBGa	0.030	<LOQ	<LOQ	
CBL	0.030	<LOQ	<LOQ	
CBN	0.030	<LOQ	<LOQ	
Δ 8-THC	0.030	<LOQ	<LOQ	
Δ 9-THC	0.030	<LOQ	<LOQ	
THCa	0.030	<LOQ	<LOQ	
THCV	0.030	<LOQ	<LOQ	
THCVa	0.030	<LOQ	<LOQ	

Total THC = 0.877 x THC-A + Δ 9-THC + Δ 8-THC; Total CBD = CBDa * 0.877 + CBD



Stacy Gardalen

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Quality Control

Kelly Zaugg

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Quality Control



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Pesticides				
Analyzed by 300.9 LC/MS/MS and GC/MS/MS				
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
Pacllobutrazol	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				
Quantitative Analysis	LOQ	Limit	Mass	Status
	CFU/g	CFU/g	CFU/g	
Bile-Tolerant Gram-Negative Bacteria	10	100	<LOQ	Pass
Yeast & Mold	100	1000	<LOQ	Pass
Qualitative Analysis	Detected or Not Detected			Status
Aspergillus	Not Detected			Pass
E. Coli	Not Detected			Pass
Salmonella	Not Detected			Pass

Mycotoxins				
Analyzed by 300.2 Elisa				
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				
Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	59	2000	<LOQ	Pass
Cadmium	59	820	<LOQ	Pass
Lead	59	1200	<LOQ	Pass
Mercury	59	400	<LOQ	Pass

Residual Solvents				
Analyzed by 300.13 GC/FID and GC/MS				
Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	71	500	<LOQ	Pass
Heptanes	71	500	<LOQ	Pass
Propane	71	500	<LOQ	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
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



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