

Covalent CBD LLC

Las Vegas, NV 89113
 rene@covalentcbd.com
 (760) 390-3743
 Lic. #

Sample: 2210DBL0040.4910.R1

METRC Sample:
 Batch #: ID221012
 Lot #: ID221012

Strain: ID221012

Ordered: 10/12/2022; Sampled: 10/12/2022; Completed: 10/20/2022; Analyzed: 10/19/2022

CBD Isolate

Concentrates & Extracts, Cannabinoid Isolate



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

Terpenes

Analyzed by 300.13 GC/FID and GC/MS



NT
 Total Terpenes

Compound	LOQ	Mass	Mass
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Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA



<LOQ
 Total THC



99.705%
 Total CBD



NT
 Moisture: Not Tested

99.900%
 Total Cannabinoids

Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
CBC	0.047	<LOQ	<LOQ	
CBCa	0.047	<LOQ	<LOQ	
CBD	0.047	99.705	997.05	
CBDa	0.047	<LOQ	<LOQ	
CBDV	0.047	0.195	1.95	
CBDVa	0.047	<LOQ	<LOQ	
CBG	0.047	<LOQ	<LOQ	
CBGa	0.047	<LOQ	<LOQ	
CBL	0.047	<LOQ	<LOQ	
CBN	0.047	<LOQ	<LOQ	
Δ8-THC	0.047	<LOQ	<LOQ	
Δ9-THC	0.047	<LOQ	<LOQ	
THCa	0.047	<LOQ	<LOQ	
THCV	0.047	<LOQ	<LOQ	
THCVa	0.047	<LOQ	<LOQ	

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



Glen Marquez
 Glen Marquez
 Laboratory Director

Sherri Defreese
 Sherri Defreese
 Quality Control



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Certificate of Analysis

Powered by Confident Cannabis

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CBD Isolate

Concentrates & Extracts, Cannabinoid Isolate



Pesticides		Pass		
Analyzed by 300.9 LC/MS/MS and GC/MS/MS				
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
Paclbutrazol	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		Pass		
Analyzed by 300.1 Plating/QPCR				
Quantitative Analysis	LOQ	Limit	Mass	Status
	CFU/g	CFU/g	CFU/g	
Bile-Tolerant Gram-Negative Bacteria	9	100	<LOQ	Pass
Yeast & Mold	90	1000	<LOQ	Pass
Qualitative Analysis	Detected or Not Detected			Status
E. Coli	Not Detected			Pass
Salmonella	Not Detected			Pass

Mycotoxins		Pass		
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		Pass		
Analyzed by 300.8 ICP/MS				
Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	58	2000	<LOQ	Pass
Cadmium	58	820	<LOQ	Pass
Lead	58	1200	<LOQ	Pass
Mercury	58	400	<LOQ	Pass

Residual Solvents		Complete		
Analyzed by 300.13 GC/FID and GC/MS				
Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	65		<LOQ	Tested
Ethanol	65		<LOQ	Tested
Heptanes	65		<LOQ	Tested
Propane	65		<LOQ	Tested



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