

Covalent CBD LLC

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

Sample: 2211DBL0049.5316

METRC Sample:
 Batch #: FD221110
 Lot #: FD221110

Strain: FD221110

Ordered: 11/16/2022; Sampled: 11/16/2022; Completed: 11/22/2022

Full Spectrum Distillate

Concentrates & Extracts, Distillate



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

Terpenes

Analyzed by 300.13 GC/FID and GC/MS



0.179%
Total Terpenes



Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
α-Bisabolol	0.020	0.149	1.49	
Guaiol	0.020	0.030	0.30	
α-Humulene	0.020	<LOQ	<LOQ	
α-Pinene	0.020	<LOQ	<LOQ	
α-Terpinene	0.020	<LOQ	<LOQ	
β-Caryophyllene	0.020	<LOQ	<LOQ	
β-Myrcene	0.020	<LOQ	<LOQ	
β-Pinene	0.020	<LOQ	<LOQ	
Camphene	0.020	<LOQ	<LOQ	
Caryophyllene Oxide	0.020	<LOQ	<LOQ	
cis-Nerolidol	0.020	<LOQ	<LOQ	
cis-Ocimene	0.020	<LOQ	<LOQ	
δ-3-Carene	0.020	<LOQ	<LOQ	
δ-Limonene	0.020	<LOQ	<LOQ	
Eucalyptol	0.020	<LOQ	<LOQ	
γ-Terpinene	0.020	<LOQ	<LOQ	
Geraniol	0.020	<LOQ	<LOQ	
Isopulegol	0.020	<LOQ	<LOQ	
Linalool	0.020	<LOQ	<LOQ	
p-Cymene	0.020	<LOQ	<LOQ	
Terpinolene	0.020	<LOQ	<LOQ	
trans-Nerolidol	0.020	<LOQ	<LOQ	
trans-Ocimene	0.020	<LOQ	<LOQ	

Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA



1.344%
Total THC



84.089%
Total CBD

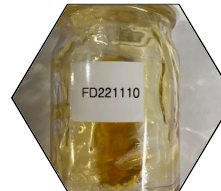


NT
Moisture: Not Tested

88.710%
Total Cannabinoids

Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
CBC	0.040	<LOQ	<LOQ	
CBCa	0.040	<LOQ	<LOQ	
CBD	0.040	84.089	840.89	
CBDa	0.040	<LOQ	<LOQ	
CBDV	0.040	0.738	7.38	
CBDVa	0.040	<LOQ	<LOQ	
CBG	0.040	1.400	14.00	
CBGa	0.040	<LOQ	<LOQ	
CBL	0.040	<LOQ	<LOQ	
CBN	0.040	1.139	11.39	
Δ8-THC	0.040	<LOQ	<LOQ	
Δ9-THC	0.040	1.344	13.44	
THCa	0.040	<LOQ	<LOQ	
THCV	0.040	<LOQ	<LOQ	
THCVa	0.040	<LOQ	<LOQ	

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



Glen Marquez
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 Laboratory Director

Sherri Defreese
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 Quality Control



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Full Spectrum Distillate

Concentrates & Extracts, Distillate



Pesticides

Analyzed by 300.9 LC/MS/MS and GC/MS/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Abamectin	10	200	<LOQ	Pass
Acequinocyl	10	4000	<LOQ	Pass
Bifenazate	10	400	<LOQ	Pass
Bifenthrin	10	100	<LOQ	Pass
Cyfluthrin	10	2000	<LOQ	Pass
Cypermethrin	10	1000	<LOQ	Pass
Daminozide	10	800	<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	400	<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

Analyzed by 300.1 Plating/QPCR

Pass

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
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	2.6	Pass

Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	95	2000	<LOQ	Pass
Cadmium	95	820	<LOQ	Pass
Lead	95	1200	<LOQ	Pass
Mercury	95	400	<LOQ	Pass

Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	78	500	<LOQ	Pass
Ethanol	78		<LOQ	Tested
Heptanes	78	500	<LOQ	Pass
Propane	78	500	<LOQ	Pass



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