

Covalent CBD

San Diego, CA 92123
 lab@covalentcbd.com
 (702) 766-4367
 Lic. #NV20191018652

Sample: 2302DBL0073.0451

METRC Sample:
 Batch #: FSWSP230220
 Lot #: FSWSP230220

Strain: FSWSP230220

Ordered: 09/20/2024; Sampled: 09/21/2024 Completed: 09/27/2024

Full Spectrum Water Soluble Powder

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



0.171%
 Total THC



3.891%
 Total CBD



NT
 Moisture: Not Tested

8.480%
 Total Cannabinoids

Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
CBC	0.050	0.194	1.94	<div style="width: 10%;"></div>
CBCa	0.050	<LOQ	<LOQ	<div style="width: 0%;"></div>
CBD	0.050	1.536	15.36	<div style="width: 40%;"></div>
CBDa	0.050	2.685	26.85	<div style="width: 60%;"></div>
CBDV	0.050	<LOQ	<LOQ	<div style="width: 0%;"></div>
CBDVa	0.050	<LOQ	<LOQ	<div style="width: 0%;"></div>
CBG	0.050	1.684	16.84	<div style="width: 35%;"></div>
CBGa	0.050	2.209	22.09	<div style="width: 45%;"></div>
CBL	0.050	<LOQ	<LOQ	<div style="width: 0%;"></div>
CBN	0.050	<LOQ	<LOQ	<div style="width: 0%;"></div>
Δ8-THC	0.050	<LOQ	<LOQ	<div style="width: 0%;"></div>
Δ9-THC	0.050	0.171	1.71	<div style="width: 5%;"></div>
THCa	0.050	<LOQ	<LOQ	<div style="width: 0%;"></div>
THCV	0.050	<LOQ	<LOQ	<div style="width: 0%;"></div>
THCVa	0.050	<LOQ	<LOQ	<div style="width: 0%;"></div>

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



Glen Marquez
 Laboratory Director

Sherri Defreese
 Quality Control



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Full Spectrum Water Soluble Powder

Concentrates & Extracts, Cannabinoid Isolate



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	<LOQ	Pass

Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	111	2000	<LOQ	Pass
Cadmium	111	820	<LOQ	Pass
Lead	111	1200	<LOQ	Pass
Mercury	111	400	<LOQ	Pass

Residual Solvents


Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	100	500	<LOQ	Pass
Ethanol	100		128	Tested
Heptanes	100	500	<LOQ	Pass
Propane	100	500	<LOQ	Pass




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