



Certificate of Analysis

Powered by Confident Cannabis

Covalent CC, LLC

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(702) 766-4367
Lic. #

Sample: 2202DBL0189.1106

METRC Sample:
Batch #: IG211001
Lot #: IG211001

Strain: IG211001

Ordered: 02/21/2022; Sampled: 02/21/2022; Completed: 02/21/2022

CBG ISOLATE

Concentrates & Extracts, Cannabinoid Isolate



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	0.013	<LOQ	<LOQ
α-Humulene	0.013	<LOQ	<LOQ
α-Pinene	0.013	<LOQ	<LOQ
α-Terpinene	0.013	<LOQ	<LOQ
β-Caryophyllene	0.013	<LOQ	<LOQ
β-Myrcene	0.013	<LOQ	<LOQ
β-Pinene	0.013	<LOQ	<LOQ
Camphene	0.013	<LOQ	<LOQ
Caryophyllene Oxide	0.013	<LOQ	<LOQ
cis-Nerolidol	0.008	<LOQ	<LOQ
cis-Ocimene	0.008	<LOQ	<LOQ
δ-3-Carene	0.013	<LOQ	<LOQ
δ-Limonene	0.013	<LOQ	<LOQ
Eucalyptol	0.013	<LOQ	<LOQ
γ-Terpinene	0.013	<LOQ	<LOQ
Geraniol	0.013	<LOQ	<LOQ
Guaiol	0.013	<LOQ	<LOQ
Isopulegol	0.013	<LOQ	<LOQ
Linalool	0.013	<LOQ	<LOQ
p-Cymene	0.013	<LOQ	<LOQ
Terpinolene	0.013	<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



<LOQ
Total CBD



NT
Moisture: Not Tested

99.899%

Total Cannabinoids

Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
CBC	0.039	<LOQ	<LOQ	
CBCa	0.039	<LOQ	<LOQ	
CBD	0.039	<LOQ	<LOQ	
CBDa	0.039	<LOQ	<LOQ	
CBDV	0.039	0.090	0.90	
CBDVa	0.039	<LOQ	<LOQ	
CBG	0.039	99.809	998.09	
CBGa	0.039	<LOQ	<LOQ	
CBL	0.039	<LOQ	<LOQ	
CBN	0.039	<LOQ	<LOQ	
Δ8-THC	0.039	<LOQ	<LOQ	
Δ9-THC	0.039	<LOQ	<LOQ	
THCa	0.039	<LOQ	<LOQ	
THCV	0.039	<LOQ	<LOQ	
THCVa	0.039	<LOQ	<LOQ	

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



Benjamin G.M. Chew, Ph.D.
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Laboratory Director

Glen Marquez
Glen Marquez
Quality Control



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CBG ISOLATE

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Pesticides

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

Pass

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
Pacllobutrazol	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

Analyzed by 300.1 Plating/QPCR

Pass

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
Aspergillus	Not Detected	Pass
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	7.5	Pass
Ochratoxin A	2.0	20.0	18.5	Pass

Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	60	2000	<LOQ	Pass
Cadmium	60	820	<LOQ	Pass
Lead	60	1200	<LOQ	Pass
Mercury	60	400	<LOQ	Pass

Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	81	500	<LOQ	Pass
Ethanol	81		<LOQ	Tested
Heptanes	81	500	444	Pass
Propane	81	500	<LOQ	Pass



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