



Certificate of Analysis

Powered by Confident Cannabis

Sunflower Hemp Co*

620-670-2260

Sample: 2110DBL0323.10348

METRC Sample:

Strain: N/A

Ordered: 10/29/2021; Sampled: 11/01/2021; Completed: 11/09/2021

Entourage Effect 750mg

Ingestible, Tincture, Other



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

Terpenes

Analyzed by 300.13 GC/FID and GC/MS

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g
<LOQ Total Terpenes			
α-Bisabolol	2.986	<LOQ	<LOQ
α-Humulene	2.986	<LOQ	<LOQ
α-Pinene	2.986	<LOQ	<LOQ
α-Terpinene	2.986	<LOQ	<LOQ
β-Caryophyllene	2.986	<LOQ	<LOQ
β-Myrcene	2.986	<LOQ	<LOQ
β-Pinene	2.986	<LOQ	<LOQ
Camphene	2.986	<LOQ	<LOQ
Caryophyllene Oxide	2.986	<LOQ	<LOQ
cis-Nerolidol	1.941	<LOQ	<LOQ
cis-Ocimene	1.941	<LOQ	<LOQ
δ-3-Carene	2.986	<LOQ	<LOQ
δ-Limonene	2.986	<LOQ	<LOQ
Eucalyptol	2.986	<LOQ	<LOQ
γ-Terpinene	2.986	<LOQ	<LOQ
Geraniol	2.986	<LOQ	<LOQ
Guaiol	2.986	<LOQ	<LOQ
Isopulegol	2.986	<LOQ	<LOQ
Linalool	2.986	<LOQ	<LOQ
p-Cymene	2.986	<LOQ	<LOQ
Terpinolene	2.986	<LOQ	<LOQ
trans-Nerolidol	1.045	<LOQ	<LOQ
trans-Ocimene	1.045	<LOQ	<LOQ

Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
0.24% Δ9-THC + Δ8-THC		787.806 mg/unit CBD		
		927.844 mg/unit Total Cannabinoids		
CBC	1.608	4.778	0.159	
CBCa	1.608	<LOQ	<LOQ	
CBD	1.608	787.806	26.260	█
CBDa	1.608	<LOQ	<LOQ	
CBDV	1.608	25.977	0.866	█
CBDVa	1.608	<LOQ	<LOQ	
CBG	1.608	24.805	0.827	█
CBGa	1.608	<LOQ	<LOQ	
CBL	1.608	3.563	0.119	
CBN	1.608	7.689	0.256	
Δ8-THC	1.608	<LOQ	<LOQ	
Δ9-THC	1.608	73.226	2.441	█
THCa	1.608	<LOQ	<LOQ	
THCV	1.608	<LOQ	<LOQ	
THCVa	1.608	<LOQ	<LOQ	

1 Unit = Entourage Effect 750mg, 30g
Total THC = 0.877 x THC-A + Δ9-THC + Δ8-THC; Total CBD = CBDa * 0.877 + CBD



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Entourage Effect 750mg

Ingestible, Tincture, Other



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
Pacllobutrazol	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	
Aerobic Bacteria	800	100000	<LOQ	Pass
Bile-Tolerant Gram-Negative Bacteria	80	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	9.1	Pass

Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	57	2000	<LOQ	Pass
Cadmium	57	820	<LOQ	Pass
Lead	57	1200	58	Pass
Mercury	57	400	<LOQ	Pass

Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	64	500	<LOQ	Pass
Ethanol	64		146	Tested
Heptanes	64	500	<LOQ	Pass
Propane	64	500	<LOQ	Pass



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