



Certificate of Analysis

Powered by Confident Cannabis

Sunflower Hemp Co*

620-670-2260

Sample: 2108DBL0078.8185

METRC Sample:

Strain: N/A

Ordered: 08/06/2021; Sampled: 08/09/2021; Completed: 08/17/2021

SFPS001

Topical, Salve, Other



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

Terpenes

Analyzed by 300.13 GC/FID and GC/MS



172.783 mg/unit
Total Terpenes

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
δ-Limonene	5.630	49.294	1.159	
β-Pinene	5.630	19.927	0.469	
Linalool	5.630	19.098	0.449	
α-Pinene	5.630	16.972	0.399	
δ-3-Carene	5.630	16.287	0.383	
β-Myrcene	5.630	11.423	0.269	
Eucalyptol	5.630	9.693	0.228	
β-Caryophyllene	5.630	8.756	0.206	
γ-Terpinene	5.630	8.108	0.191	
p-Cymene	5.630	6.702	0.158	
α-Terpinene	5.630	6.522	0.153	
α-Bisabolol	5.630	<LOQ	<LOQ	
α-Humulene	5.630	<LOQ	<LOQ	
Camphene	5.630	<LOQ	<LOQ	
Caryophyllene Oxide	5.630	<LOQ	<LOQ	
cis-Nerolidol	3.660	<LOQ	<LOQ	
cis-Ocimene	3.660	<LOQ	<LOQ	
Geraniol	5.630	<LOQ	<LOQ	
Guaiol	5.630	<LOQ	<LOQ	
Isopulegol	5.630	<LOQ	<LOQ	
Terpinolene	5.630	<LOQ	<LOQ	
trans-Nerolidol	1.971	<LOQ	<LOQ	
trans-Ocimene	1.971	<LOQ	<LOQ	

Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

Not Tested

<LOQ
Δ9-THC + Δ8-THC

539.767 mg/unit
CBD

pH: NT
Aw: NT

539.767 mg/unit
Total Cannabinoids

Complete
Homogeneity

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
CBC	2.377	<LOQ	<LOQ	
CBCa	2.377	<LOQ	<LOQ	
CBD	2.377	539.767	12.694	
CBDa	2.377	<LOQ	<LOQ	
CBDV	2.377	<LOQ	<LOQ	
CBDVa	2.377	<LOQ	<LOQ	
CBG	2.377	<LOQ	<LOQ	
CBGa	2.377	<LOQ	<LOQ	
CBL	2.377	<LOQ	<LOQ	
CBN	2.377	<LOQ	<LOQ	
Δ8-THC	2.377	<LOQ	<LOQ	
Δ9-THC	2.377	<LOQ	<LOQ	
THCa	2.377	<LOQ	<LOQ	
THCV	2.377	<LOQ	<LOQ	
THCVa	2.377	<LOQ	<LOQ	

1 Unit = SFPS001, 42.52g

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



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Glen Marquez

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SFPS001

Topical, Salve, 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
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	9	1000	<LOQ	Pass
Yeast & Mold	9	10000	<LOQ	Pass

Qualitative Analysis	Detected or Not Detected	Status
E. Coli	Not Detected	Pass
Salmonella	Not Detected	Pass

Mycotoxins

Analyzed by 300.2 Elisa

Not Tested

Mycotoxin	LOQ	Limit	Mass	Status
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Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	44	2000	<LOQ	Pass
Cadmium	44	820	<LOQ	Pass
Lead	44	1200	<LOQ	Pass
Mercury	44	400	<LOQ	Pass

Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	85	500	<LOQ	Pass
Ethanol	85		<LOQ	Tested
Heptanes	85	500	<LOQ	Pass
Propane	85	500	<LOQ	Pass



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