



Certificate of Analysis

Powered by Confident Cannabis

Sunflower Hemp Co*

620-670-2260

Sample: 2103DBL0192.2600

METRC Sample:

Strain: N/A

Ordered: 03/11/2021; Sampled: 03/16/2021; Completed: 03/24/2021

SFFS10-1000mg Salve

Topical, Salve



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

Terpenes

Analyzed by 300.13 GC/FID and GC/MS



450.953 mg/unit
Total Terpenes

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
Eucalyptol	3.425	107.988	2.540	
α-Pinene	3.425	104.327	2.454	
Linalool	3.425	59.309	1.395	
Camphene	3.425	45.260	1.064	
δ-Limonene	3.425	30.005	0.706	
β-Pinene	3.425	28.296	0.665	
β-Caryophyllene	3.425	25.030	0.589	
p-Cymene	3.425	12.646	0.297	
Geraniol	3.425	11.309	0.266	
α-Humulene	3.425	8.767	0.206	
β-Myrcene	3.425	8.679	0.204	
Isopulegol	3.425	6.356	0.149	
trans-Nerolidol	1.199	2.981	0.070	
α-Bisabolol	3.425	<LOQ	<LOQ	
α-Terpinene	3.425	<LOQ	<LOQ	
Caryophyllene Oxide	3.425	<LOQ	<LOQ	
cis-Nerolidol	2.226	<LOQ	<LOQ	
cis-Ocimene	2.226	<LOQ	<LOQ	
δ-3-Carene	3.425	<LOQ	<LOQ	
γ-Terpinene	3.425	<LOQ	<LOQ	
Guaiol	3.425	<LOQ	<LOQ	
Terpinolene	3.425	<LOQ	<LOQ	
trans-Ocimene	1.199	<LOQ	<LOQ	

Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

Not Tested

0.088%
Δ9-THC + Δ8-THC

1,002.714 mg/unit
CBD

pH: NT
Aw: NT

1,059.292 mg/unit
Total Cannabinoids

Not Tested
Homogeneity

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
CBC	1.989	<LOQ	<LOQ	
CBCa	1.989	<LOQ	<LOQ	
CBD	1.989	1002.714	23.582	
CBDa	1.989	<LOQ	<LOQ	
CBDV	1.989	<LOQ	<LOQ	
CBDVa	1.989	<LOQ	<LOQ	
CBG	1.989	19.307	0.454	
CBGa	1.989	<LOQ	<LOQ	
CBL	1.989	<LOQ	<LOQ	
CBN	1.989	<LOQ	<LOQ	
Δ8-THC	1.989	<LOQ	<LOQ	
Δ9-THC	1.989	37.271	0.877	
THCa	1.989	<LOQ	<LOQ	
THCV	1.989	<LOQ	<LOQ	
THCVa	1.989	<LOQ	<LOQ	

1 Unit = SFFS10-1000mg Salve, 42.52g

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



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

Glen Marquez
Glen Marquez
Quality Control



4439 Polaris Ave
Las Vegas, NV

(702) 728-5180

www.dblabslv.com

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SFFS10-1000mg Salve

Topical, Salve



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	
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

Pass

Mycotoxin	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Aflatoxins	4.0	20.0	<LOQ	Pass
Ochratoxin A	2.0	20.0	5.5	Pass

Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	43	2000	<LOQ	Pass
Cadmium	43	820	<LOQ	Pass
Lead	43	1200	<LOQ	Pass
Mercury	43	400	<LOQ	Pass

Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	52	500	<LOQ	Pass
Ethanol	52		<LOQ	Tested
Heptanes	52	500	<LOQ	Pass
Propane	52	500	<LOQ	Pass



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