

11711 HERMITAGE ROAD, SUITE #5
 LITTLE ROCK, AR 72211
 License #: BL157155
 Phone: 501-516-8028

Certificate of Analysis

Sample Result: PASS



Client Name: Soul CBD
Address:
Phone:
License Number:

Sample ID: AR50820
Sample Name: 000 Oil Drops
Sample Matrix: Tincture
Date Received: 7/15/2024
Batch ID: N03996
State ID: 100319
Date Reported: 7/17/2024
Density: 0.93
Package Volume: 30.0
Servings: 30

Cannabinoids

Standard potency analysis utilizing Ultra High Performance Liquid Chromatography (UHPLC; SOP-068-AR)

Analyte	%	mg/g	mg/mL	mg/serv	mg/pkg	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	ND	0.016	0.049
CBCA	ND	ND	ND	ND	ND	0.022	0.065
CBD	1.51	15.1	14.04	14.04	421.3	0.018	0.055
CBDA	ND	ND	ND	ND	ND	0.009	0.025
CBDV	0.0	0.05	0.04	0.04	1.3	0.009	0.027
CBDVA	ND	ND	ND	ND	ND	0.016	0.051
CBG	ND	ND	ND	ND	ND	0.008	0.023
CBGA	ND	ND	ND	ND	ND	0.005	0.015
CBN	ND	ND	ND	ND	ND	0.02	0.062
9-THC	0.14	1.42	1.32	1.32	39.6	0.039	0.119
delta-8-THC	ND	ND	ND	ND	ND	0.073	0.223
THCA	ND	ND	ND	ND	ND	0.034	0.105
THCV	ND	ND	ND	ND	ND	0.012	0.036
THCVA	ND	ND	ND	ND	ND	0.049	0.147
Total THC	0.14	1.42	1.32	1.32	39.6		
Total CBD	1.51	15.1	14.04	14.04	421.3		
Total Cannabinoids	1.65	16.57	15.4	15.4	462.2		



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Determination of Pass/Fail is based on RULES AND REGULATIONS GOVERNING MEDICAL MARIJUANA REGISTRATION, TESTING, AND LABELING IN ARKANSAS. When applicable, Steep Hill Arkansas may use Measurement Uncertainty when determining results. Measurement Uncertainty information is available upon request. These results only relate to the item tested and apply to the sample as received. This report shall only be reproduced in its entirety.



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Pesticides

PASS

Residual pesticide analysis utilizing Liquid and Gas Chromatography – Mass Spectrometry (LC-MSMS + GC-MSMS; SOP-070-AR + SOP-073-AR) - Limit units: ug/g = ppm

Analyte	Pass/Fail	µg/g	Limit	LOD (µg/g)	LOQ (µg/g)
Abamectin	PASS	ND	0.5	0.04	0.12
Acephate	PASS	ND	0.4	0.03	0.09
Acequinocyl	PASS	ND	2.0	0.14	0.48
Acetamiprid	PASS	ND	0.2	0.03	0.09
Aldicarb	PASS	ND	0.4	0.02	0.06
Azoxystrobin	PASS	ND	0.2	0.02	0.08
Bifenazate	PASS	ND	0.2	0.02	0.05
Bifenthrin	PASS	ND	0.2	0.04	0.12
Boscalid	PASS	ND	0.4	0.04	0.14
Carbaryl	PASS	ND	0.2	0.01	0.05
Carbofuran	PASS	ND	0.2	0.02	0.06
Chlorantraniliprole	PASS	ND	0.2	0.03	0.09
Chlorfenapyr	PASS	ND	1.0	0.03	0.09
Chlorpyrifos	PASS	ND	0.2	0.03	0.09
Clofentezine	PASS	ND	0.2	0.04	0.12
Cyfluthrin	PASS	ND	1.0	0.04	0.13
Cypermethrin	PASS	ND	1.0	0.04	0.13
Daminozide	PASS	ND	1.0	0.05	0.18
Diazinon	PASS	ND	0.2	0.02	0.06
DDVP (Dichlorvos)	PASS	ND	0.1	0.03	0.08
Dimethoate	PASS	ND	0.2	0.03	0.08
Ethoprophos	PASS	ND	0.2	0.03	0.08
Etofenprox	PASS	ND	0.4	0.04	0.12
Etoxazole	PASS	ND	0.2	0.03	0.1
Fenoxycarb	PASS	ND	0.2	0.02	0.08
Fenpyroximate	PASS	ND	0.4	0.02	0.06
Fipronil	PASS	ND	0.4	0.04	0.12
Fonicamid	PASS	ND	1.0	0.05	0.15
Fludioxonil	PASS	ND	0.4	0.04	0.14
Hexythiazox	PASS	ND	1.0	0.02	0.06
Imazalil	PASS	ND	0.2	0.04	0.14
Imidacloprid	PASS	ND	0.4	0.02	0.07
Kresoxim-methyl	PASS	ND	0.4	0.02	0.06
Malathion	PASS	ND	0.2	0.01	0.04
Metalaxyl	PASS	ND	0.2	0.02	0.06
Methiocarb	PASS	ND	0.2	0.02	0.06
Methomyl	PASS	ND	0.4	0.03	0.09
Methyl parathion	PASS	ND	0.2	0.03	0.09
MGK-264	PASS	ND	0.2	0.01	0.03
Myclobutanil	PASS	ND	0.2	0.02	0.07
Naled	PASS	ND	0.5	0.04	0.13
Oxamyl	PASS	ND	1.0	0.04	0.12
Paclobutrazol	PASS	ND	0.4	0.03	0.1
Permethrins	PASS	ND	0.2	0.03	0.08
Phosmet	PASS	ND	0.2	0.03	0.09
Piperonyl Butoxide	PASS	ND	2.0	0.02	0.06
Prallethrin	PASS	ND	0.2	0.02	0.06
Propiconazole	PASS	ND	0.4	0.01	0.04
Propoxur	PASS	ND	0.2	0.01	0.05
Pyrethrins	PASS	ND	1.0	0.06	0.2
Pyridaben	PASS	ND	0.2	0.03	0.1
Spinosad	PASS	ND	0.2	0.03	0.11
Spiromesifen	PASS	ND	0.2	0.03	0.1
Spirotetramat	PASS	ND	0.2	0.01	0.05
Spiroxamine	PASS	ND	0.4	0.04	0.14
Tebuconazole	PASS	ND	0.4	0.01	0.04
Thiacloprid	PASS	ND	0.2	0.01	0.05
Thiamethoxam	PASS	ND	0.2	0.01	0.05
Trifloxystrobin	PASS	ND	0.2	0.02	0.06



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Certificate of Analysis

Residual Solvents

PASS

Residual solvents and processing chemicals analysis utilizing Headspace Gas Chromatography – Mass Spectrometry (HS-GC-MS; SOP-010-AR) - Limit units: $\mu\text{g/g}$

Analyte	Pass/Fail	$\mu\text{g/g}$	Limit	LOD ($\mu\text{g/g}$)	LOQ ($\mu\text{g/g}$)
1-Butanol	PASS	ND	5000	77	256
1-Pentanol	PASS	ND	5000	77	256
1-Propanol	PASS	ND	5000	77	256
1,2-Dimethoxyethane	PASS	ND	100	5	17
1,4-Dioxane	PASS	ND	380	5	17
2-Butanol	PASS	ND	5000	77	256
2-Butanone	PASS	ND	5000	77	256
2-Ethoxyethanol	PASS	ND	160	10	34
2-Methylbutane	PASS	ND	5000	77	256
2-Methylpentane	PASS	ND	290	5	17
2-Propanol (IPA)	PASS	ND	5000	77	256
2,2-Dimethylbutane	PASS	ND	290	5	17
2,3-Dimethylbutane	PASS	ND	290	5	17
3-Methylpentane	PASS	ND	290	5	17
Acetone	PASS	ND	5000	77	256
Acetonitrile	PASS	ND	410	5	17
Benzene	PASS	ND	2	0.3	1.1
n-Butane	PASS	ND	5000	77	256
Cumene	PASS	ND	70	5	17
Cyclohexane	PASS	ND	3880	77	256
Dichloromethane	PASS	ND	600	9	31
Dimethyl Sulfoxide	PASS	ND	5000	77	256
Ethanol	PASS	ND	5000	77	256
Ethyl Acetate	PASS	ND	5000	77	256
Ethyl Ether	PASS	ND	5000	77	256
Ethylene Glycol	PASS	ND	620	37	124
Ethylene Oxide	PASS	ND	50	5	17
n-Heptane	PASS	ND	5000	77	256
n-Hexane	PASS	ND	290	5	17
Isopropyl Acetate	PASS	ND	5000	77	256
Methanol	PASS	ND	3000	77	256
Methylpropane	PASS	ND	5000	77	256
N,N-Dimethylacetamide	PASS	ND	1090	21	69
N,N-Dimethylformamide	PASS	ND	880	21	69
n-Pentane	PASS	ND	5000	77	256
Propane	PASS	ND	5000	77	256
Pyridine	PASS	ND	200	10	34
Sulfolane	PASS	ND	160	37	124
Tetrahydrofuran	PASS	ND	720	5	17
Toluene	PASS	ND	890	5	17
Xylenes	PASS	ND	2170	77	256



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Heavy Metals PASS

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS; SOP-072-AR) - **Limit units: µg/kg**

Analyte	Pass/Fail	ug/kg	Limit	LOD (ug/kg)	LOQ (ug/kg)
Arsenic	PASS	ND	200	9	29
Cadmium	PASS	ND	200	9	29
Lead	PASS	ND	500	22	74
Mercury	PASS	ND	100	4	15

Microbials PASS

Microbiological screening utilizing 3M Petrifilm (SOP-700-AR) - **Limit units: CFU/g** | Analyst: PG

Analyte	Pass/Fail	CFU/g	Limit	LOQ
Coliform	PASS	ND	>0	8
General E. Coli	NT	NT	NT	NT



 Brandon Thornton
 Pharm D. Co-Owner & CEO
 Date: 7/17/2024



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