

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: AR42831
Sample Name: Pet Oil
Sample Matrix: Tincture
Date Received: 2/2/2024
Batch ID: N03275
State ID: 100205
Date Reported: 2/6/2024
Density: 0.96
Package Volume: 30.0
Servings: 30

Cannabinoids

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

Analyte	%	mg/g	mg/mL	mg/serving	mg/package	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	0.92	9.16	8.77	8.77	263.1	0.018	0.054
CBDA	ND	ND	ND	ND	ND	0.008	0.025
CBDV	ND	ND	ND	ND	ND	0.008	0.026
CBDVA	ND	ND	ND	ND	ND	0.016	0.05
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	ND	ND	ND	ND	ND	0.039	0.118
delta-8-THC	ND	ND	ND	ND	ND	0.073	0.221
THCA	ND	ND	ND	ND	ND	0.034	0.104
THCV	ND	ND	ND	ND	ND	0.012	0.035
THCVA	ND	ND	ND	ND	ND	0.049	0.146
Total THC	ND	ND	ND	ND	ND		
Total CBD	0.92	9.16	8.77	8.77	263.1		
Total Cannabinoids	0.92	9.16	8.77	8.77	263.1		



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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** | Analyst: PG

Analyte	Pass/Fail	µg/g	Limit	LOD (µg/g)	LOQ (µg/g)
Acephate	PASS	ND	0.4	0.03	0.09
Acequinocyl	PASS	ND	2.0	0.15	0.49
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	0.02	0.05
Carbofuran	PASS	ND	0.2	0.02	0.06
Chlorantranilprole	PASS	ND	0.2	0.03	0.1
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	0.14
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	0.09
Ethoprophos	PASS	ND	0.2	0.03	0.09
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	0.15
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	0.15
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: µg/g** | Analyst: PG

Analyte	Pass/Fail	µg/g	Limit	LOD (µg/g)	LOQ (µg/g)
1-Pentanol	PASS	ND	5000	76	254
1-Propanol	PASS	ND	5000	76	254
1,2-Dimethoxyethane	PASS	ND	100	5	17
1,4-Dioxane	PASS	ND	380	5	17
2-Butanol	PASS	ND	5000	76	254
2-Butanone	PASS	ND	5000	76	254
2-Ethoxyethanol	PASS	ND	160	10	34
2-Methylbutane	PASS	ND	5000	76	254
2-Methylpentane	PASS	ND	290	5	17
2-Propanol (IPA)	PASS	ND	5000	76	254
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	76	254
Acetonitrile	PASS	ND	410	5	17
Benzene	PASS	ND	2	0.3	1.1
n-Butane	PASS	ND	5000	76	254
Cumene	PASS	ND	70	5	17
Cyclohexane	PASS	ND	3880	76	254
Dichloromethane	PASS	ND	600	9	31
Dimethyl Sulfoxide	PASS	ND	5000	76	254
Ethanol	PASS	ND	5000	76	254
Ethyl Acetate	PASS	ND	5000	76	254
Ethyl Ether	PASS	ND	5000	76	254
Ethylene Glycol	PASS	ND	620	37	123
Ethylene Oxide	PASS	ND	50	5	17
n-Heptane	PASS	ND	5000	76	254
n-Hexane	PASS	ND	290	5	17
Isopropyl Acetate	PASS	ND	5000	76	254
Methanol	PASS	ND	3000	76	254
Methylpropane	PASS	ND	5000	76	254
N,N-Dimethylacetamide	PASS	ND	1090	20	68
N,N-Dimethylformamide	PASS	ND	880	20	68
n-Pentane	PASS	ND	5000	76	254
Propane	PASS	ND	5000	76	254
Pyridine	PASS	ND	200	10	34
Sulfolane	PASS	ND	160	37	123
Tetrahydrofuran	PASS	ND	720	5	17
Toluene	PASS	ND	890	5	17
Xylenes	PASS	ND	2170	76	254

Heavy Metals

PASS

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

Analyte	Pass/Fail	ug/kg	Limit	LOD (ug/kg)	LOQ (ug/kg)
Arsenic	PASS	ND	200	11	36
Cadmium	PASS	ND	200	11	36
Lead	PASS	ND	500	27	89
Mercury	PASS	ND	100	4	18



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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	9
General E. Coli	NT	NT	NT	NT



Brandon Thornton
Pharm D. Co-Owner & CEO
Date: 2/6/2024



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