

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: AR45878

Sample Name: 1500mg Raspberry Lemonade

Sample Matrix: Tincture

Date Received: 4/4/2024

Batch ID: N03459

State ID: 100198

Date Reported: 4/7/2024

Density: 0.95

Package Volume: 1.0

Servings: 30

Cannabinoids

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

Analyte	%	mg/g	mg/mL	mg/serv	mg/pkg	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	ND	0.015	0.046
CBCA	ND	ND	ND	ND	ND	0.021	0.062
CBD	5.26	52.62	50.23	50.23	1506.8	0.017	0.051
CBDA	ND	ND	ND	ND	ND	0.008	0.023
CBDV	0.02	0.2	0.19	0.19	5.7	0.008	0.025
CBDVA	ND	ND	ND	ND	ND	0.015	0.048
CBG	ND	ND	ND	ND	ND	0.007	0.022
CBGA	ND	ND	ND	ND	ND	0.004	0.014
CBN	ND	ND	ND	ND	ND	0.019	0.059
9-THC	ND	ND	ND	ND	ND	0.037	0.112
delta-8-THC	ND	ND	ND	ND	ND	0.069	0.21
THCA	ND	ND	ND	ND	ND	0.032	0.099
THCV	ND	ND	ND	ND	ND	0.011	0.034
THCVA	ND	ND	ND	ND	ND	0.046	0.139
Total THC	ND	ND	ND	ND	ND		
Total CBD	5.26	52.62	50.23	50.23	1506.8		
Total Cannabinoids	5.28	52.82	50.42	50.42	1512.5		



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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	0.08
Acequinocyl	PASS	ND	2.0	0.14	0.47
Acetamiprid	PASS	ND	0.2	0.03	0.08
Aldicarb	PASS	ND	0.4	0.02	0.06
Azoxystrobin	PASS	ND	0.2	0.02	0.07
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	0.13
Carbaryl	PASS	ND	0.2	0.01	0.05
Carbofuran	PASS	ND	0.2	0.02	0.06
Chlorantranilprole	PASS	ND	0.2	0.03	0.09
Chlorfenapyr	PASS	ND	1.0	0.03	0.08
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	0.17
Diazinon	PASS	ND	0.2	0.02	0.06
DDVP (Dichlorvos)	PASS	ND	0.1	0.02	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	0.09
Fenoxycarb	PASS	ND	0.2	0.02	0.07
Fenpyroximate	PASS	ND	0.4	0.02	0.06
Fipronil	PASS	ND	0.4	0.04	0.12
Flonicamid	PASS	ND	1.0	0.04	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	0.06
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	0.08
Methyl parathion	PASS	ND	0.2	0.03	0.08
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	0.04
Pyrethrins	PASS	ND	1.0	0.06	0.19
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: µg/g** | Analyst: PG

Analyte	Pass/Fail	µg/g	Limit	LOD (µg/g)	LOQ (µg/g)
1-Pentanol	PASS	ND	5000	58	192
1-Propanol	PASS	ND	5000	58	192
1,2-Dimethoxyethane	PASS	ND	100	4	13
1,4-Dioxane	PASS	ND	380	4	13
2-Butanol	PASS	ND	5000	58	192
2-Butanone	PASS	ND	5000	58	192
2-Ethoxyethanol	PASS	ND	160	8	26
2-Methylbutane	PASS	ND	5000	58	192
2-Methylpentane	PASS	ND	290	4	13
2-Propanol (IPA)	PASS	ND	5000	58	192
2,2-Dimethylbutane	PASS	ND	290	4	13
2,3-Dimethylbutane	PASS	ND	290	4	13
3-Methylpentane	PASS	ND	290	4	13
Acetone	PASS	ND	5000	58	192
Acetonitrile	PASS	ND	410	4	13
Benzene	PASS	ND	2	0.2	0.8
n-Butane	PASS	ND	5000	58	192
Cumene	PASS	ND	70	4	13
Cyclohexane	PASS	ND	3880	58	192
Dichloromethane	PASS	ND	600	7	24
Dimethyl Sulfoxide	PASS	ND	5000	58	192
Ethanol	PASS	ND	5000	58	192
Ethyl Acetate	PASS	ND	5000	58	192
Ethyl Ether	PASS	ND	5000	58	192
Ethylene Glycol	PASS	ND	620	28	93
Ethylene Oxide	PASS	ND	50	4	13
n-Heptane	PASS	ND	5000	58	192
n-Hexane	PASS	ND	290	4	13
Isopropyl Acetate	PASS	ND	5000	58	192
Methanol	PASS	ND	3000	58	192
Methylpropane	PASS	ND	5000	58	192
N,N-Dimethylacetamide	PASS	ND	1090	15	52
N,N-Dimethylformamide	PASS	ND	880	15	52
n-Pentane	PASS	ND	5000	58	192
Propane	PASS	ND	5000	58	192
Pyridine	PASS	ND	200	8	26
Sulfolane	PASS	ND	160	28	93
Tetrahydrofuran	PASS	ND	720	4	13
Toluene	PASS	ND	890	4	13
Xylenes	PASS	ND	2170	58	192

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	37
Cadmium	PASS	ND	200	11	37
Lead	PASS	< LOQ	500	27	92
Mercury	PASS	ND	100	5	18



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Microbials

PASS

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

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: 4/7/2024



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