



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

Certificate of Analysis

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

 **Sample ID:** AR40695
Sample Name: White Chocolate Peppermint Sleepi
Sample Matrix: Edible
Date Received: 12/14/2023
Batch ID: NO3149
State ID: 100312
Date Reported: 12/17/2023
Package Mass: 125.935g / 4.442oz
Servings: 30

Sample Result: PASS



Cannabinoids

Standard potency analysis utilizing Ultra High Performance Liquid Chromatography (UHPLC; SOP-068-AR) | Test ID: #228029 | Analyst: PD

Analyte	%	mg/g	mg/serving	mg/package	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.00	0.01
CBCA	ND	ND	ND	ND	0.01	0.01
CBD	0.579	5.792	24.314	729.406	0.00	0.01
CBDVA	ND	ND	ND	ND	0.00	0.01
CBDV	ND	ND	ND	ND	0.00	0.01
CBDVA	ND	ND	ND	ND	0.00	0.01
CBG	ND	ND	ND	ND	0.00	0.01
CBGA	ND	ND	ND	ND	0.00	0.00
CBN	0.118	1.175	4.933	147.996	0.01	0.01
9-THC	ND	ND	ND	ND	0.01	0.03
delta-8-THC	ND	ND	ND	ND	0.02	0.05
THCA	ND	ND	ND	ND	0.01	0.02
THCV	ND	ND	ND	ND	0.00	0.01
THCVA	ND	ND	ND	ND	0.01	0.03

Total Cannabinoids				
	%	mg/g	mg/serving	mg/package
Total THC:	ND	ND	ND	ND
Total CBD:	0.579	5.792	24.314	729.406
Total Cannabinoids:	0.697	6.967	29.247	877.402



Sample ID: AR40695

Determination of Pass/Fail is based on RULES AND REGULATIONS GOVERNING MEDICAL MARIJUANA REGISTRATION, TESTING, AND LABELING IN ARKANSAS. Steep Hill Arkansas does not 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 should only be reproduced in its entirety.



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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** | Test ID: #228033 | Analyst: PG

Analyte	Pass/Fail	Result (µg/g)	Limit	LOD (µg/g)	LOQ (µg/g)
1-Butanol	PASS	ND	5000	74.180	247.268
1-Pentanol	PASS	ND	5000	74.180	247.268
1-Propanol	PASS	ND	5000	74.180	247.268
1,2-Dimethoxyethane	PASS	ND	100	4.970	16.567
1,4-Dioxane	PASS	ND	380	4.970	16.567
2-Butanol	PASS	ND	5000	74.180	247.268
2-Butanone	PASS	ND	5000	74.180	247.268
2-Ethoxyethanol	PASS	ND	160	9.940	33.134
2-Methylbutane	PASS	ND	5000	74.180	247.268
2-Methylpentane	PASS	ND	290	4.970	16.567
2-Propanol (IPA)	PASS	ND	5000	74.180	247.268
2,2-Dimethylbutane	PASS	ND	290	4.970	16.567
2,3-Dimethylbutane	PASS	ND	290	4.970	16.567
3-Methylpentane	PASS	ND	290	4.970	16.567
Acetone	PASS	ND	5000	74.180	247.268
Acetonitrile	PASS	ND	410	4.970	16.567
Benzene	PASS	ND	2	0.321	1.039
n-Butane	PASS	ND	5000	74.180	247.268
Cumene	PASS	ND	70	4.970	16.567
Cyclohexane	PASS	ND	3880	74.180	247.268
Dichloromethane	PASS	ND	600	9.124	30.414
Dimethyl Sulfoxide	PASS	ND	5000	74.180	247.268
Ethanol	PASS	ND	5000	74.180	247.268
Ethyl Acetate	PASS	ND	5000	74.180	247.268
Ethyl Ether	PASS	ND	5000	74.180	247.268
Ethylene Glycol	PASS	ND	620	35.928	119.777
Ethylene Oxide	PASS	ND	50	4.970	16.567
n-Heptane	PASS	ND	5000	74.180	247.268
n-Hexane	PASS	ND	290	4.970	16.567
Isopropyl Acetate	PASS	ND	5000	74.180	247.268
Methanol	PASS	ND	3000	74.180	247.268
Methylpropane	PASS	ND	5000	74.180	247.268
N,N-Dimethylacetamide	PASS	ND	1090	19.880	66.268
N,N-Dimethylformamide	PASS	ND	880	19.880	66.268
n-Pentane	PASS	ND	5000	74.180	247.268
Propane	PASS	ND	5000	74.180	247.268
Pyridine	PASS	ND	200	9.940	33.134
Sulfolane	PASS	ND	160	35.928	119.777
Tetrahydrofuran	PASS	ND	720	4.970	16.567
Toluene	PASS	ND	890	4.970	16.567
Xylenes	PASS	ND	2170	74.180	247.268



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Certificate of Analysis

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 | Test ID: #228032 | Analyst: PG

Analyte	Pass/Fail	Result (µg/g)	Limit	LOD (µg/g)	LOQ (µg/g)
Abamectin	PASS	ND	0.500	0.034	0.112
Acephate	PASS	ND	0.400	0.024	0.079
Acequinocyl	PASS	ND	2.000	0.135	0.450
Acetamiprid	PASS	ND	0.200	0.024	0.080
Aldicarb	PASS	ND	0.400	0.017	0.056
Azoxystrobin	PASS	ND	0.200	0.022	0.072
Bifenazate	PASS	ND	0.200	0.015	0.050
Bifenthrin	PASS	ND	0.200	0.034	0.113
Boscalid	PASS	ND	0.400	0.039	0.129
Carbaryl	PASS	ND	0.200	0.014	0.048
Carbofuran	PASS	ND	0.200	0.017	0.057
Chlorantraniliprole	PASS	ND	0.200	0.026	0.088
Chlorfenapyr	PASS	ND	1.000	0.027	0.079
Chlorpyrifos	PASS	ND	0.200	0.025	0.082
Clofentezine	PASS	ND	0.200	0.034	0.113
Cyfluthrin	PASS	ND	1.000	0.041	0.121
Cypermethrin	PASS	ND	1.000	0.041	0.124
Daminozide	PASS	ND	1.000	0.049	0.165
Diazinon	PASS	ND	0.200	0.018	0.058
DDVP (Dichlorvos)	PASS	ND	0.100	0.023	0.077
Dimethoate	PASS	ND	0.200	0.024	0.078
Ethoprophos	PASS	ND	0.200	0.024	0.078
Etofenprox	PASS	ND	0.400	0.033	0.111
Etoxazole	PASS	ND	0.200	0.027	0.090
Fenoxycarb	PASS	ND	0.200	0.021	0.071
Fenpyroximate	PASS	ND	0.400	0.017	0.057
Fipronil	PASS	ND	0.400	0.033	0.111
Flonicamid	PASS	ND	1.000	0.043	0.142
Fludioxonil	PASS	ND	0.400	0.040	0.135
Hexythiazox	PASS	ND	1.000	0.018	0.059
Imazalil	PASS	ND	0.200	0.039	0.131
Imidacloprid	PASS	ND	0.400	0.019	0.062
Kresoxim-methyl	PASS	ND	0.400	0.016	0.055
Malathion	PASS	ND	0.200	0.011	0.038
Metalaxyl	PASS	ND	0.200	0.017	0.056
Methiocarb	PASS	ND	0.200	0.016	0.054
Methomyl	PASS	ND	0.400	0.024	0.081
Methyl parathion	PASS	ND	0.200	0.027	0.079
MGK-264	PASS	ND	0.200	0.008	0.028
Myclobutanil	PASS	ND	0.200	0.020	0.068
Naled	PASS	ND	0.500	0.036	0.121
Oxamyl	PASS	ND	1.000	0.034	0.114
Pacllobutrazol	PASS	ND	0.400	0.029	0.096
Permethrins	PASS	ND	0.200	0.025	0.074
Phosmet	PASS	ND	0.200	0.025	0.085
Piperonyl Butoxide	PASS	ND	2.000	0.017	0.056
Prallethrin	PASS	ND	0.200	0.017	0.056
Propiconazole	PASS	ND	0.400	0.012	0.040
Propoxur	PASS	ND	0.200	0.013	0.043
Pyrethrins	PASS	ND	1.000	0.055	0.184
Pyridaben	PASS	ND	0.200	0.028	0.093
Spinosad	PASS	ND	0.200	0.031	0.105
Spiromesifen	PASS	ND	0.200	0.027	0.091
Spirotetramat	PASS	ND	0.200	0.013	0.044
Spiroxamine	PASS	ND	0.400	0.041	0.135
Tebuconazole	PASS	ND	0.400	0.012	0.040
Thiacloprid	PASS	ND	0.200	0.014	0.047
Thiamethoxam	PASS	ND	0.200	0.014	0.047
Trifloxystrobin	PASS	ND	0.200	0.017	0.058



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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** | Test ID: #228030 | Analyst: PG

Analyte	Pass/Fail	Result (ug/kg)	Limit	LOD (ug/kg)	LOQ (ug/kg)
Arsenic	PASS	ND	200	6.783	21.705
Cadmium	PASS	ND	200	6.783	21.705
Lead	PASS	ND	500	16.278	54.261
Mercury	PASS	ND	100	2.713	10.852

Microbials PASS

Microbiological screening utilizing 3M Petrifilm (SOP-700-AR) - **Limit units: CFU/g** | Test ID: #228031 | Analyst: PG

Analyte	Pass/Fail	Result	Limit	LOQ
Coliform	PASS	ND	>0	8.132
General E. Coli	NT	NT	NT	NT



Brandon Thornton
 Pharm D. Co-Owner & CEO
 Date: 12/17/2023



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