

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: AR39653
Sample Name: Sleepi Capsule
Sample Matrix: Capsule
Date Received: 11/27/2023
Batch ID: 3C520C
State ID: 100175
Date Reported: 12/1/2023
Capsule Mass: 0.0
Package Mass: 24.429g
Servings: 30

Sample Result: PASS



Cannabinoids

Standard potency analysis utilizing Ultra High Performance Liquid Chromatography (UHPLC; SOP-068-AR) | Test ID: #224480 | Analyst: PD

Analyte	%	mg/g	mg/serving	mg/package	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.01	0.03
CBCA	ND	ND	ND	ND	0.01	0.04
CBD	0.381	3.814	3.105	93.162	0.01	0.04
CBDVA	ND	ND	ND	ND	0.01	0.02
CBDV	< LOQ	< LOQ	< LOQ	< LOQ	0.01	0.02
CBDVA	ND	ND	ND	ND	0.01	0.03
CBG	ND	ND	ND	ND	0.01	0.01
CBGA	ND	ND	ND	ND	0.00	0.01
CBN	ND	ND	ND	ND	0.01	0.04
9-THC	ND	ND	ND	ND	0.03	0.08
delta-8-THC	ND	ND	ND	ND	0.05	0.15
THCA	ND	ND	ND	ND	0.02	0.07
THCV	ND	ND	ND	ND	0.01	0.02
THCVA	ND	ND	ND	ND	0.03	0.10

Total Cannabinoids				
	%	mg/g	mg/serving	mg/package
Total THC:	ND	ND	ND	ND
Total CBD:	0.381	3.814	3.105	93.162
Total Cannabinoids:	0.381	3.814	3.105	93.162



Sample ID: AR39653

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: #223269 | Analyst: PG

Analyte	Pass/Fail	Result (µg/g)	Limit	LOD (µg/g)	LOQ (µg/g)
1-Butanol	PASS	ND	5000	72.991	243.302
1-Pentanol	PASS	ND	5000	72.991	243.302
1-Propanol	PASS	ND	5000	72.991	243.302
1,2-Dimethoxyethane	PASS	ND	100	4.890	16.301
1,4-Dioxane	PASS	ND	380	4.890	16.301
2-Butanol	PASS	ND	5000	72.991	243.302
2-Butanone	PASS	ND	5000	72.991	243.302
2-Ethoxyethanol	PASS	ND	160	9.781	32.603
2-Methylbutane	PASS	ND	5000	72.991	243.302
2-Methylpentane	PASS	ND	290	4.890	16.301
2-Propanol (IPA)	PASS	ND	5000	72.991	243.302
2,2-Dimethylbutane	PASS	ND	290	4.890	16.301
2,3-Dimethylbutane	PASS	ND	290	4.890	16.301
3-Methylpentane	PASS	ND	290	4.890	16.301
Acetone	PASS	ND	5000	72.991	243.302
Acetonitrile	PASS	ND	410	4.890	16.301
Benzene	PASS	ND	2	0.316	1.022
n-Butane	PASS	ND	5000	72.991	243.302
Cumene	PASS	ND	70	4.890	16.301
Cyclohexane	PASS	ND	3880	72.991	243.302
Dichloromethane	PASS	ND	600	8.978	29.926
Dimethyl Sulfoxide	PASS	ND	5000	72.991	243.302
Ethanol	PASS	ND	5000	72.991	243.302
Ethyl Acetate	PASS	ND	5000	72.991	243.302
Ethyl Ether	PASS	ND	5000	72.991	243.302
Ethylene Glycol	PASS	ND	620	35.352	117.856
Ethylene Oxide	PASS	ND	50	4.890	16.301
n-Heptane	PASS	ND	5000	72.991	243.302
n-Hexane	PASS	ND	290	4.890	16.301
Isopropyl Acetate	PASS	ND	5000	72.991	243.302
Methanol	PASS	ND	3000	72.991	243.302
Methylpropane	PASS	ND	5000	72.991	243.302
N,N-Dimethylacetamide	PASS	ND	1090	19.562	65.205
N,N-Dimethylformamide	PASS	ND	880	19.562	65.205
n-Pentane	PASS	ND	5000	72.991	243.302
Propane	PASS	ND	5000	72.991	243.302
Pyridine	PASS	ND	200	9.781	32.603
Sulfolane	PASS	ND	160	35.352	117.856
Tetrahydrofuran	PASS	ND	720	4.890	16.301
Toluene	PASS	ND	890	4.890	16.301
Xylenes	PASS	ND	2170	72.991	243.302



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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: #223268 | Analyst: PG

Analyte	Pass/Fail	Result (µg/g)	Limit	LOD (µg/g)	LOQ (µg/g)
Abamectin	PASS	ND	0.500	0.037	0.123
Acephate	PASS	ND	0.400	0.026	0.087
Acequinocyl	PASS	ND	2.000	0.149	0.495
Acetamiprid	PASS	ND	0.200	0.026	0.088
Aldicarb	PASS	ND	0.400	0.018	0.061
Azoxystrobin	PASS	ND	0.200	0.024	0.079
Bifenazate	PASS	ND	0.200	0.017	0.055
Bifenthrin	PASS	ND	0.200	0.037	0.125
Boscalid	PASS	ND	0.400	0.042	0.141
Carbaryl	PASS	ND	0.200	0.016	0.053
Carbofuran	PASS	ND	0.200	0.019	0.062
Chlorantraniliprole	PASS	ND	0.200	0.029	0.097
Chlorfenapyr	PASS	ND	1.000	0.030	0.087
Chlorpyrifos	PASS	ND	0.200	0.027	0.090
Clofentezine	PASS	ND	0.200	0.037	0.124
Cyfluthrin	PASS	ND	1.000	0.046	0.133
Cypermethrin	PASS	ND	1.000	0.046	0.137
Daminozide	PASS	ND	1.000	0.054	0.181
Diazinon	PASS	ND	0.200	0.019	0.064
DDVP (Dichlorvos)	PASS	ND	0.100	0.025	0.085
Dimethoate	PASS	ND	0.200	0.027	0.086
Ethoprophos	PASS	ND	0.200	0.026	0.086
Etofenprox	PASS	ND	0.400	0.037	0.122
Etoazole	PASS	ND	0.200	0.030	0.098
Fenoxycarb	PASS	ND	0.200	0.024	0.078
Fenproximate	PASS	ND	0.400	0.019	0.063
Fipronil	PASS	ND	0.400	0.037	0.123
Flonicamid	PASS	ND	1.000	0.047	0.156
Fludioxonil	PASS	ND	0.400	0.044	0.148
Hexythiazox	PASS	ND	1.000	0.020	0.065
Imazalil	PASS	ND	0.200	0.043	0.144
Imidacloprid	PASS	ND	0.400	0.020	0.068
Kresoxim-methyl	PASS	ND	0.400	0.018	0.060
Malathion	PASS	ND	0.200	0.013	0.042
Metalaxyl	PASS	ND	0.200	0.019	0.062
Methiocarb	PASS	ND	0.200	0.018	0.059
Methomyl	PASS	ND	0.400	0.027	0.089
Methyl parathion	PASS	ND	0.200	0.030	0.087
MGK-264	PASS	ND	0.200	0.009	0.031
Myclobutanil	PASS	ND	0.200	0.022	0.075
Naled	PASS	ND	0.500	0.040	0.133
Oxamyl	PASS	ND	1.000	0.038	0.126
Pacllobutrazol	PASS	ND	0.400	0.032	0.106
Permethrins	PASS	ND	0.200	0.028	0.081
Phosmet	PASS	ND	0.200	0.028	0.093
Piperonyl Butoxide	PASS	ND	2.000	0.018	0.061
Prallethrin	PASS	ND	0.200	0.018	0.061
Propiconazole	PASS	ND	0.400	0.013	0.044
Propoxur	PASS	ND	0.200	0.014	0.048
Pyrethrins	PASS	ND	1.000	0.061	0.202
Pyridaben	PASS	ND	0.200	0.031	0.102
Spinosad	PASS	ND	0.200	0.035	0.115
Spiromesifen	PASS	ND	0.200	0.030	0.100
Spirotetramat	PASS	ND	0.200	0.015	0.049
Spiroxamine	PASS	ND	0.400	0.045	0.149
Tebuconazole	PASS	ND	0.400	0.013	0.044
Thiacloprid	PASS	ND	0.200	0.016	0.052
Thiamethoxam	PASS	ND	0.200	0.016	0.052
Trifloxystrobin	PASS	ND	0.200	0.019	0.064



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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: #223266 | Analyst: SS

Analyte	Pass/Fail	Result (ug/kg)	Limit	LOD (ug/kg)	LOQ (ug/kg)
Arsenic	PASS	68.376	200	8.789	28.124
Cadmium	PASS	< LOQ	200	8.789	28.124
Lead	PASS	< LOQ	500	21.093	70.310
Mercury	PASS	ND	100	3.515	14.062

Microbials PASS

 Microbiological screening utilizing 3M Petrifilm (SOP-700-AR) - **Limit units: CFU/g** | Test ID: #223267 | Analyst: PD

Analyte	Pass/Fail	Result	Limit	LOQ
Coliform	PASS	ND	>0	8.937
General E. Coli	NT	NT	NT	NT



Brandon Thornton
 Pharm D. Co-Owner & CEO
 Date: 12/1/2023



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