

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:**

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**Sample ID:** AR41865  
**Sample Name:** Thrive capsules  
**Sample Matrix:** Capsule  
**Date Received:** 1/25/2024  
**Batch ID:** N03146  
**State ID:** 100177  
**Date Reported:** 1/30/2024  
**Capsule Mass:** 0.73  
**Package Mass:** 21.935g  
**Servings:** 30

### Cannabinoids

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

Analyte	%	mg/g	mg/serving	mg/package	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.1	1.0
CBCA	ND	ND	ND	ND	0.1	1.0
CBD	7.782	77.82	56.9	1707.0	0.1	1.0
CBDA	ND	ND	ND	ND	0.1	1.0
CBDV	< LOQ	< LOQ	< LOQ	< LOQ	0.1	1.0
CBDVA	ND	ND	ND	ND	0.1	1.0
CBG	ND	ND	ND	ND	0.1	1.0
CBGA	ND	ND	ND	ND	0.1	1.0
CBN	ND	ND	ND	ND	0.1	1.0
9-THC	ND	ND	ND	ND	0.1	1.0
delta-8-THC	ND	ND	ND	ND	0.1	1.0
THCA	ND	ND	ND	ND	0.1	1.0
THCV	ND	ND	ND	ND	0.1	1.0
THCVA	ND	ND	ND	ND	0.1	1.0
<b>Total THC</b>	<b>ND</b>	<b>ND</b>	<b>ND</b>	<b>ND</b>		
<b>Total CBD</b>	<b>7.782</b>	<b>77.82</b>	<b>56.9</b>	<b>1707.0</b>		
<b>Total Cannabinoids</b>	<b>7.782</b>	<b>77.82</b>	<b>56.9</b>	<b>1707.0</b>		



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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: PD

Analyte	Pass/Fail	µg/g	Limit	LOD (µg/g)	LOQ (µg/g)
Acephate	PASS	ND	0.4	0.02	0.08
Acequinocyl	PASS	ND	2.0	0.14	0.46
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	0.01	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	0.08
Clofentezine	PASS	ND	0.2	0.04	0.12
Cyfluthrin	PASS	ND	1.0	0.04	0.12
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	0.02	0.08
Etofenprox	PASS	ND	0.4	0.03	0.11
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	0.03	0.11
Fonicamid	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	0.12
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	0.09
Spirotetramat	PASS	ND	0.2	0.01	0.04
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: PD

Analyte	Pass/Fail	µg/g	Limit	LOD (µg/g)	LOQ (µg/g)
1-Pentanol	PASS	ND	5000	73	243
1-Propanol	PASS	ND	5000	73	243
1,2-Dimethoxyethane	PASS	ND	100	5	16
1,4-Dioxane	PASS	ND	380	5	16
2-Butanol	PASS	ND	5000	73	243
2-Butanone	PASS	ND	5000	73	243
2-Ethoxyethanol	PASS	ND	160	10	33
2-Methylbutane	PASS	ND	5000	73	243
2-Methylpentane	PASS	ND	290	5	16
2-Propanol (IPA)	PASS	ND	5000	73	243
2,2-Dimethylbutane	PASS	ND	290	5	16
2,3-Dimethylbutane	PASS	ND	290	5	16
3-Methylpentane	PASS	ND	290	5	16
Acetone	PASS	ND	5000	73	243
Acetonitrile	PASS	ND	410	5	16
Benzene	PASS	ND	2	0.3	1.0
n-Butane	PASS	ND	5000	73	243
Cumene	PASS	ND	70	5	16
Cyclohexane	PASS	ND	3880	73	243
Dichloromethane	PASS	< LOQ	600	9	30
Dimethyl Sulfoxide	PASS	ND	5000	73	243
Ethanol	PASS	ND	5000	73	243
Ethyl Acetate	PASS	ND	5000	73	243
Ethyl Ether	PASS	ND	5000	73	243
Ethylene Glycol	PASS	ND	620	35	118
Ethylene Oxide	PASS	ND	50	5	16
n-Heptane	PASS	ND	5000	73	243
n-Hexane	PASS	ND	290	5	16
Isopropyl Acetate	PASS	ND	5000	73	243
Methanol	PASS	ND	3000	73	243
Methylpropane	PASS	ND	5000	73	243
N,N-Dimethylacetamide	PASS	ND	1090	20	65
N,N-Dimethylformamide	PASS	ND	880	20	65
n-Pentane	PASS	< LOQ	5000	73	243
Propane	PASS	ND	5000	73	243
Pyridine	PASS	ND	200	10	33
Sulfolane	PASS	ND	160	35	118
Tetrahydrofuran	PASS	ND	720	5	16
Toluene	PASS	ND	890	5	16
Xylenes	PASS	ND	2170	73	243

## Heavy Metals PASS

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

Analyte	Pass/Fail	ug/kg	Limit	LOD (ug/kg)	LOQ (ug/kg)
Arsenic	PASS	47	200	11	35
Cadmium	PASS	< LOQ	200	11	35
Lead	PASS	ND	500	26	88
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: PD

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: 1/30/2024



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