

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:** AR53784

**Sample Name:** 25mg Raspberry Gummies

**Sample Matrix:** Edible

**Date Received:** 9/16/2024

**Batch ID:** N04372

**State ID:** 100180

**Date Reported:** 9/20/2024

**Package Mass:** 144.15g / 5.085 oz

**Servings:** 31

### Cannabinoids

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

Analyte	%	mg/g	mg/serv	mg/pkg	LOD (mg/serv)	LOQ (mg/serv)
CBC	ND	ND	ND	ND	0.1	1.0
CBCA	ND	ND	ND	ND	0.1	1.0
CBD	0.512	5.12	23.8	737.9	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>0.512</b>	<b>5.12</b>	<b>23.8</b>	<b>737.9</b>		
<b>Total Cannabinoids</b>	<b>0.512</b>	<b>5.12</b>	<b>23.8</b>	<b>737.9</b>		



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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

Analyte	Pass/Fail	µg/g	Limit	LOD (µg/g)	LOQ (µg/g)
Abamectin	PASS	ND	0.5	0.03	0.11
Acephate	PASS	ND	0.4	0.02	0.07
Acequinocyl	PASS	ND	2.0	0.13	0.43
Acetamiprid	PASS	ND	0.2	0.02	0.08
Aldicarb	PASS	ND	0.4	0.02	0.05
Azoxystrobin	PASS	ND	0.2	0.02	0.07
Bifenazate	PASS	ND	0.2	0.01	0.05
Bifenthrin	PASS	ND	0.2	0.03	0.11
Boscalid	PASS	ND	0.4	0.04	0.12
Carbaryl	PASS	ND	0.2	0.01	0.04
Carbofuran	PASS	ND	0.2	0.02	0.05
Chlorantraniliprole	PASS	ND	0.2	0.03	0.08
Chlorfenapyr	PASS	ND	1.0	0.03	0.07
Chlorpyrifos	PASS	ND	0.2	0.02	0.08
Clofentezine	PASS	ND	0.2	0.03	0.11
Cyfluthrin	PASS	ND	1.0	0.04	0.11
Cypermethrin	PASS	ND	1.0	0.04	0.12
Daminozide	PASS	ND	1.0	0.05	0.16
Diazinon	PASS	ND	0.2	0.02	0.06
DDVP (Dichlorvos)	PASS	ND	0.1	0.02	0.07
Dimethoate	PASS	ND	0.2	0.02	0.07
Ethoprophos	PASS	ND	0.2	0.02	0.07
Etofenprox	PASS	ND	0.4	0.03	0.1
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	0.05
Fipronil	PASS	ND	0.4	0.03	0.1
Flonicamid	PASS	ND	1.0	0.04	0.13
Fludioxonil	PASS	ND	0.4	0.04	0.13
Hexythiazox	PASS	ND	1.0	0.02	0.06
Imazalil	PASS	ND	0.2	0.04	0.12
Imidacloprid	PASS	ND	0.4	0.02	0.06
Kresoxim-methyl	PASS	ND	0.4	0.02	0.05
Malathion	PASS	ND	0.2	0.01	0.04
Metalaxyl	PASS	ND	0.2	0.02	0.05
Methiocarb	PASS	ND	0.2	0.01	0.05
Methomyl	PASS	ND	0.4	0.02	0.08
Methyl parathion	PASS	ND	0.2	0.03	0.07
MGK-264	PASS	ND	0.2	0.01	0.03
Myclobutanil	PASS	ND	0.2	0.02	0.06
Naled	PASS	ND	0.5	0.03	0.11
Oxamyl	PASS	ND	1.0	0.03	0.11
Paclobutrazol	PASS	ND	0.4	0.03	0.09
Permethrins	PASS	ND	0.2	0.02	0.07
Phosmet	PASS	ND	0.2	0.02	0.08
Piperonyl Butoxide	PASS	ND	2.0	0.02	0.05
Prallethrin	PASS	ND	0.2	0.02	0.05
Propiconazole	PASS	ND	0.4	0.01	0.04
Propoxur	PASS	ND	0.2	0.01	0.04
Pyrethrins	PASS	ND	1.0	0.05	0.17
Pyridaben	PASS	ND	0.2	0.03	0.09
Spinosad	PASS	ND	0.2	0.03	0.1
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	0.13
Tebuconazole	PASS	ND	0.4	0.01	0.04
Thiacloprid	PASS	ND	0.2	0.01	0.04
Thiamethoxam	PASS	ND	0.2	0.01	0.04
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

Analyte	Pass/Fail	µg/g	Limit	LOD (µg/g)	LOQ (µg/g)
1-Butanol	PASS	ND	5000	87	289
1-Pentanol	PASS	ND	5000	87	289
1-Propanol	PASS	ND	5000	87	289
1,2-Dimethoxyethane	PASS	ND	100	6	19
1,4-Dioxane	PASS	ND	380	6	19
2-Butanol	PASS	ND	5000	87	289
2-Butanone	PASS	ND	5000	87	289
2-Ethoxyethanol	PASS	ND	160	12	39
2-Methylbutane	PASS	ND	5000	87	289
2-Methylpentane	PASS	ND	290	6	19
2-Propanol (IPA)	PASS	ND	5000	87	289
2,2-Dimethylbutane	PASS	ND	290	6	19
2,3-Dimethylbutane	PASS	ND	290	6	19
3-Methylpentane	PASS	ND	290	6	19
Acetone	PASS	ND	5000	87	289
Acetonitrile	PASS	ND	410	6	19
Benzene	PASS	ND	2	0.4	1.2
n-Butane	PASS	ND	5000	87	289
Cumene	PASS	ND	70	6	19
Cyclohexane	PASS	ND	3880	87	289
Dichloromethane	PASS	ND	600	11	36
Dimethyl Sulfoxide	PASS	ND	5000	87	289
Ethanol	PASS	ND	5000	87	289
Ethyl Acetate	PASS	ND	5000	87	289
Ethyl Ether	PASS	ND	5000	87	289
Ethylene Glycol	PASS	ND	620	42	140
Ethylene Oxide	PASS	ND	50	6	19
n-Heptane	PASS	ND	5000	87	289
n-Hexane	PASS	ND	290	6	19
Isopropyl Acetate	PASS	ND	5000	87	289
Methanol	PASS	ND	3000	87	289
Methylpropane	PASS	ND	5000	87	289
N,N-Dimethylacetamide	PASS	ND	1090	23	77
N,N-Dimethylformamide	PASS	ND	880	23	77
n-Pentane	PASS	ND	5000	87	289
Propane	PASS	ND	5000	87	289
Pyridine	PASS	ND	200	12	39
Sulfolane	PASS	ND	160	42	140
Tetrahydrofuran	PASS	ND	720	6	19
Toluene	PASS	ND	890	6	19
Xylenes	PASS	ND	2170	87	289



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### Heavy Metals

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

Analyte	Pass/Fail	ug/kg	Limit	LOD (ug/kg)	LOQ (ug/kg)
Arsenic	PASS	ND	200	11	35
Cadmium	PASS	ND	200	11	35
Lead	PASS	ND	500	26	87
Mercury	PASS	ND	100	4	17

### Microbials

**PASS**

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

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: 9/20/2024



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