

## Certificate of Analysis for



Deep Relief CBD

3827 S Carson St. Unit 20-505 PMB 1161

Carson City, NV 89107

Phone: (916) 384-0334

Received: 3/4/2024 @ 16.2 °C

Report ID: 2403182

Sample ID: 2403182-002 R0334GT

**ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 03/05/24**

Aerobic Plate Count	2,000	CFU/g
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**CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 03/05/24**

Total Coliform Bacteria	< 100	CFU/g
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**ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 03/05/24**

Escherichia coli	< 100	CFU/g
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**ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 03/07/24**

Arsenic (As)	0.244	mg/kg (ppm)	Cadmium (Cd)	0.023	mg/kg (ppm)
Lead (Pb)	0.644	mg/kg (ppm)	Mercury (Hg)	0.019	mg/kg (ppm)

**MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 03/07/24**

7-Hydroxymitragynine	< 0.010	%	Isorhynchophylline	< 0.100	%
Mitragynine	0.842	%	Mitraphylline	< 0.100	%
Paynantheine	0.345	%	Speciociliatine	0.332	%
Speciogynine	0.200	%	Total Alkaloids	1.72	%

**Salm.1: Salmonella via AOAC 081201, 2013.02 (BAX® PCR) Analyzed 03/05/24**

Salmonella spp.	Negative	/25 g
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**STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 03/05/24**

Staphylococcus aureus	< 100	CFU/g
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**STEC.1: E. coli (O157:H7, O26, O45, O103, O111, O121, O145) via AOAC 091301 (BAX® PCR, STEC Screen) Analyzed 03/05/24**

Shiga toxin-producing E. coli	Negative	/25 g
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**YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 03/05/24**

Yeast and Mold	< 100	CFU/g
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Reported By:

Ryan Connelly, Chemistry Laboratory Manager, 3/8/2024