

**Certificate of Analysis for**

Leaf Pharm LLC
6671 S Las Vegas Blvd
Las Vegas, NV 89119
Phone: (702) 782-0758

Received: 8/8/2022 @ 28.1 °C
Report ID: 2208270

Sample ID: 2208270-003 **Description:** W8422B

AC.1a: AC by mass via AOAC 990.12 (Petrifilm™) Analyzed 08/09/22

Aerobic Plate Count	27,000	CFU/g
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TC.1a: TC by mass via AOAC 991.14, 998.03 (Petrifilm™) Analyzed 08/09/22

Total Coliform Bacteria	< 100	CFU/g
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EC.1a: EC by mass via AOAC 991.14, 998.08 (Petrifilm™) Analyzed 08/09/22

Escherichia coli	< 100	CFU/g
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ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 08/12/22

Arsenic (As)	0.271	mg/kg (ppm)	Cadmium (Cd)	0.035	mg/kg (ppm)
Lead (Pb)	0.473	mg/kg (ppm)	Mercury (Hg)	0.018	mg/kg (ppm)

MIT.1: Mitragynine via AOAC 2017.14 Analyzed 08/11/22

7-Hydroxymitragynine	< 0.010	%	Mitragynine	1.56	%
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Salm.1a: Salmonella via AOAC 081201, 2013.02 (BAX® PCR System) Analyzed 08/09/22

Salmonella spp.	Negative	/25 g
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STEC.2: E. coli (O157:H7, O26, O45, O103, O111, O121, O145) via AOAC 121806 (Gene-Up® PCR, EHEC Screen) Analyzed 08/09/22

Shiga toxin-producing E. coli	Negative	/25 g
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YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 08/09/22

Yeast and Mold	1,600	CFU/g
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Mitragynine concentration includes Paynantheine at approximately 0.2 - 0.4%.

RPC 8-12-22

Reported By: _____

Ryan Connelly, Chemistry Laboratory Manager, 8/12/2022