11455 Pearl St Northglenn, CO 80233 (303) 296-026

MURRAY-BROWN LABORATORIES, INC.
Beyond the Raw Data

Certificate of Analysis for

Phantom Kratom
3675 Highland Ave Unit 8
Las Vegas, NV 89103
Phone: (702) 358-2727

Received: 9/8/2025 @ 25 °C
Report ID: 2509348

Sample ID: 2509348-001 09042025-Sleepy Phantom

ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 09/08/25

Aerobic Plate Count	9,100	CFU/g

CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 09/08/25

Total Coliform Bacteria	< 100	CFU/g

ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 09/08/25

Escherichia coli	< 100	CFU/g

ICPMS.1Metals via AOAC 2015.01 Modified (ICP/MS) Analyzed 09/11/25

Arsenic (As)	0.127	mg/kg (ppm)	Cadmium (Cd)	0.0129	mg/kg (ppm)
Lead (Pb)	1.26	mg/kg (ppm)	Mercury (Hg)	0.0159	mg/kg (ppm)

MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 09/09/25

7-Hydroxymitragynine	< 0.0100	%	Isorhynchophylline	< 0.100	%
Mitragynine	1.11	%	Mitraphylline	< 0.100	%
Paynantheine	0.179	%	Speciociliatine	0.169	%
Speciogynine	0.138	%	Total Alkaloids	1.60	%

Salm.1: Salmonella via AOAC 081201, 2013.02 (BAX® PCR) Analyzed 09/09/25

Salmonella spp.	Negative	/1 g

STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 09/08/25

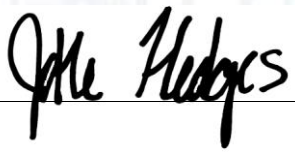
Staphylococcus aureus	< 100	CFU/g

STEC.1: E. coli (O157:H7, O26, O45, O103, O111, O121, O145) via AOAC 091301 (BAX® PCR, STEC Screen) Analyzed 09/09/25

Shiga toxin-producing E. coli (stx-eae)	Negative	/1 g

YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 09/08/25

Yeast and Mold	300	CFU/g



Reported By Jake S Hedges, Chemistry Laboratory Supervisor, 9/15/2025

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