

**Certificate of Analysis for**

MitraMan Botanicals
PO Box 8305
Round Rock, TX 78683
Phone: (737) 256-2285

Received: 10/18/2023 @ 23.3 °C
Report ID: 2310768

Sample ID: 2310768-002 45% Extract

ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 10/18/23

Aerobic Plate Count	10	CFU/g
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CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 10/18/23

Total Coliform Bacteria	< 10	CFU/g
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ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 10/18/23

Escherichia coli	< 10	CFU/g
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ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 10/20/23

Arsenic (As)	< 0.020	mg/kg (ppm)	Cadmium (Cd)	< 0.010	mg/kg (ppm)
Lead (Pb)	0.104	mg/kg (ppm)	Mercury (Hg)	< 0.005	mg/kg (ppm)

MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 10/18/23

7-Hydroxymitragynine	< 0.100	%	Isorhynchophylline	< 0.100	%
Mitragynine	39.5	%	Mitraphylline	< 0.100	%
Paynantheine	6.75	%	Speciociliatine	15.6	%
Speciogynine	4.59	%	Total Alkaloids	66.5	%

Salm.1: Salmonella via AOAC 081201, 2013.02 (BAX® PCR) Analyzed 10/18/23

Salmonella spp.	Negative	/1 g
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STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 10/18/23

Staphylococcus aureus	< 10	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 10/18/23

Shiga toxin-producing E. coli	Negative	/1 g
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YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 10/18/23

Yeast and Mold	< 10	CFU/g
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Reported By:

Riley M. Horner

Riley Horner, Microbiology Laboratory Manager, 10/21/2023