



Certificate of Analysis for

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

Received: 12/5/2024 @ 21 °C

Report ID: 2412244

Sample ID: 2412244-003 MitraCaps - Enhanced Capsules

ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 12/05/24

Aerobic Plate Count	10,000	CFU/g
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CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 12/05/24

Total Coliform Bacteria	< 110	CFU/g
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ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 12/05/24

Escherichia coli	< 110	CFU/g
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ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 12/16/24

Arsenic (As)	0.452	mg/kg (ppm)	Cadmium (Cd)	0.0118	mg/kg (ppm)
Lead (Pb)	0.518	mg/kg (ppm)	Mercury (Hg)	0.0133	mg/kg (ppm)

MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 12/11/24

7-Hydroxymitragynine	< 0.100	mg/capsule	Isorhynchophylline	< 0.100	mg/capsule
Mitragynine	46.5	mg/capsule	Mitraphylline	< 0.100	mg/capsule
Paynantheine	16.4	mg/capsule	Speciociliatine	33.1	mg/capsule
Speciogynine	12.3	mg/capsule	Total Alkaloids	108	mg/capsule

Salm.1: Salmonella via AOAC 081201, 2013.02 (BAX® PCR) Analyzed 12/05/24

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 12/05/24

Staphylococcus aureus	< 110	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 12/05/24

Shiga toxin-producing E. coli	Negative	/1 g
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YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 12/05/24

Yeast and Mold	1,800	CFU/g
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Capsule Fill Mass: 0.47 g

Reported By: _____

Thu D Ly, Chemistry Laboratory Technician, 12/16/2024