

**Certificate of Analysis for**

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

Received: 9/17/2024 @ 23.7 °C
Report ID: 2409632

Sample ID: 2409632-002 Micronized Instant Kava

ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 09/18/24

Aerobic Plate Count	4,100,000	CFU/g
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CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 09/18/24

Total Coliform Bacteria	8,700	CFU/g
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ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 09/18/24

Escherichia coli	< 100	CFU/g
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ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 09/20/24

Arsenic (As)	0.0320	mg/kg (ppm)	Cadmium (Cd)	0.120	mg/kg (ppm)
Lead (Pb)	0.195	mg/kg (ppm)	Mercury (Hg)	< 0.00500	mg/kg (ppm)

Kava.1: USP Monograph for Piper methysticum Root - Content of Kavalactones by HPLC-UV Analyzed 09/20/24

Desmethoxyyangonin	0.510	%	Dihydrokawain	1.41	%
Dihydromethysticin	0.855	%	Kawain	1.84	%
Methysticin	1.42	%	Total Kavalactones	7.30	%
Yangonin	1.26	%			

Salm.1: Salmonella via AOAC 081201, 2013.02 (BAX® PCR) Analyzed 09/18/24

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 09/18/24

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 09/18/24

Shiga toxin-producing E. coli	Negative	/25 g
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YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 09/18/24

Yeast and Mold	100	CFU/g
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Reported By: _____

Jake S Hedges

Jake S Hedges, Chemistry Laboratory Technician, 9/26/2024