

**Certificate of Analysis for**

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

Received: 1/29/2025 @ 20.3 °C
Report ID: 2501C01

Sample ID: 2501C01-007 Red Maeng Da

ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 01/29/25

Aerobic Plate Count	9,700	CFU/g
---------------------	-------	-------

CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 01/29/25

Total Coliform Bacteria	< 100	CFU/g
-------------------------	-------	-------

ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 01/29/25

Escherichia coli	< 100	CFU/g
------------------	-------	-------

ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 02/03/25

Arsenic (As)	0.953	mg/kg (ppm)	Cadmium (Cd)	0.0160	mg/kg (ppm)
Lead (Pb)	0.606	mg/kg (ppm)	Mercury (Hg)	0.0214	mg/kg (ppm)

MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 01/31/25

7-Hydroxymitragynine	< 0.0100	%	Isorhynchophylline	< 0.100	%
Mitragynine	1.64	%	Mitraphylline	< 0.100	%
Paynantheine	0.261	%	Speciociliatine	0.367	%
Speciogynine	0.192	%	Total Alkaloids	2.46	%

Salm.1: Salmonella via AOAC 081201, 2013.02 (BAX® PCR) Analyzed 01/30/25

Salmonella spp.	Negative	/25 g
-----------------	----------	-------

STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 01/29/25

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 01/30/25

Shiga toxin-producing E. coli (stx-eae)	Negative	/25 g
---	----------	-------

YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 01/29/25

Yeast and Mold	1,200	CFU/g
----------------	-------	-------

Reported By: _____

Jake S Hedges, Chemistry Laboratory Supervisor, 2/3/2025