

**Certificate of Analysis for**

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

Received: 3/26/2026 @ 23.8 °C  
Report ID: 2603D66

**Sample ID:** 2603D66-005 Red Horn**ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 03/26/26**

Aerobic Plate Count	8,400	CFU/g
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**CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 03/26/26**

Total Coliform Bacteria	< 100	CFU/g
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**ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 03/26/26**

Escherichia coli	< 100	CFU/g
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**GU Pro STEC SLM.2: STEC Salmonella via AOAC PTM 092101 Analyzed 03/31/26**

Salmonella spp.	Absent	CFU/25 g	Shiga toxin-producing E. coli	Absent	CFU/25 g
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**ICPMS.1: Metals via AOAC 2015.01 Modified (ICP/MS) Analyzed 03/31/26**

Arsenic (As)	0.168	mg/kg (ppm)	Cadmium (Cd)	0.0131	mg/kg (ppm)
Lead (Pb)	0.359	mg/kg (ppm)	Mercury (Hg)	0.0127	mg/kg (ppm)

**MIT.2: Kratom Alkaloids by HPLC-UV via AOAC 2017.14 (Modified) Analyzed 03/30/26**

7-Hydroxymitragynine	< 0.0174	%	Isorhynchophylline	< 0.0436	%
Mitragynine	1.54	%	Mitraphylline	< 0.0436	%
Paynantheine	0.271	%	Speciociliatine	0.258	%
Speciogynine	0.183	%	Total Alkaloids	2.25	%

**STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 03/26/26**

Staphylococcus aureus	< 100	CFU/g
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**YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 03/26/26**

Yeast and Mold	10,000	CFU/g
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Reported By Jake S Hedges, Chemistry Laboratory Supervisor, 4/2/2026