

**Certificate of Analysis for**

Panacea Natural
4840 Northeast 12th Ave
Oakland Park, FL 33334
Phone: (786) 766-0111

Received: 11/4/2025 @ 19.8 °C
Report ID: 2511112

Sample ID: 2511112-002 Red Kratom Powder R-251031-01

ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 11/04/25

Aerobic Plate Count	100	CFU/g
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CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 11/04/25

Total Coliform Bacteria	< 100	CFU/g
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ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 11/04/25

Escherichia coli	< 100	CFU/g
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GU Pro STEC SLM.2: STEC Salmonella via AOAC PTM 092101 Analyzed 11/06/25

Salmonella spp.	Absent	CFU/25 g	Shiga toxin-producing E. coli	Absent	CFU/25 g
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ICPMS.1Metals via AOAC 2015.01 Modified (ICP/MS) Analyzed 11/10/25

Arsenic (As)	0.417	mg/kg (ppm)	Cadmium (Cd)	0.0229	mg/kg (ppm)
Lead (Pb)	0.951	mg/kg (ppm)	Mercury (Hg)	0.0292	mg/kg (ppm)

MIT.2: Kratom Alkaloids via AOAC 2017.14 (Modified) Analyzed 11/05/25

7-Hydroxymitragynine	< 0.00978	%	Isorhynchophylline	< 0.0489	%
Mitragynine	1.30	%	Mitraphylline	< 0.0489	%
Paynantheine	0.216	%	Speciociliatine	0.320	%
Speciogyne	0.145	%	Total Alkaloids	1.98	%

STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 11/04/25

Staphylococcus aureus	< 100	CFU/g
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YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 11/04/25

Yeast and Mold	< 100	CFU/g
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Reported By Jake S Hedges, Chemistry Laboratory Supervisor, 11/10/2025