

**Certificate of Analysis for**

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

Received: 9/10/2026 @ 25.1 °C

Report ID: 2609565

Sample ID: 2609565-001 Kratom Extract Tablets Lot # 26090401**ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 09/10/26**

Aerobic Plate Count	< 10	CFU/g
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CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 09/10/26

Total Coliform Bacteria	< 10	CFU/g
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ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 09/10/26

Escherichia coli	< 10	CFU/g
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GU Pro STEC SLM.2: STEC Salmonella via AOAC PTM 092101 Analyzed 09/15/26

Salmonella spp.	Absent	CFU/1 g	Shiga toxin-producing E. coli (stx)	Absent	CFU/1 g
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ICPMS.1: Metals via AOAC 2015.01 Modified (ICP/MS) Analyzed 09/15/26

Arsenic (As)	< 0.0200	mg/kg (ppm)	Cadmium (Cd)	< 0.0100	mg/kg (ppm)
Lead (Pb)	0.0200	mg/kg (ppm)	Mercury (Hg)	< 0.00500	mg/kg (ppm)

KRA.2: 7-Hydroxymitragynine by LC-MS/MS Analyzed 09/14/26

7-Hydroxymitragynine	95.8	ppm	7-Hydroxymitragynine (Dry Matter Basis)	105	ppm
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KRA.3: Mitragynine Pseudoindoxyl by LC-MS/MS Analyzed 09/14/26

Mitragynine Pseudoindoxyl	ND (LOD 0.01)	%
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MIT.2: Kratom Alkaloids by HPLC-UV via AOAC 2017.14 (Modified) Analyzed 09/14/26

Isorhynchophylline	< 15.8	mg/tablet	Mitragynine	217	mg/tablet
Mitraraphylline	< 15.8	mg/tablet	Paynantheine	15.8	mg/tablet
Speciociliatine	< 3.15	mg/tablet	Speciogynine	10.3	mg/tablet
Total Alkaloids	247	mg/tablet			

Moisture.3: Moisture via AOAC 950.46 (Loss on Drying) Analyzed 09/14/26

Moisture	9.15	g/100 g (%)
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ResSolv.1: Residual Solvents by Headspace GC/MS Analyzed 09/14/26

1,2-Dichloroethane	< 1.00	mg/kg (ppm)	2-Propanol	< 50.0	mg/kg (ppm)
Acetone	< 50.0	mg/kg (ppm)	Acetonitrile	< 50.0	mg/kg (ppm)
Benzene	< 0.500	mg/kg (ppm)	Chloroform	< 1.00	mg/kg (ppm)
Cyclohexane	< 50.0	mg/kg (ppm)	Diethyl ether	< 50.0	mg/kg (ppm)
Ethanol	< 50.0	mg/kg (ppm)	Ethyl Acetate	< 50.0	mg/kg (ppm)
Heptane	< 50.0	mg/kg (ppm)	Hexane	< 2.00	mg/kg (ppm)
Methanol	161	mg/kg (ppm)	Methylene Chloride	< 1.00	mg/kg (ppm)
N,N-Dimethylformamide	< 10.0	mg/kg (ppm)	Pentane	< 50.0	mg/kg (ppm)
Toluene	< 1.00	mg/kg (ppm)	Trichloroethene	< 50.0	mg/kg (ppm)
Xylenes (p-, m-, o-)	< 40.0	mg/kg (ppm)			



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STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 09/10/26

Staphylococcus aureus	< 10	CFU/g
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YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 09/10/26

Yeast and Mold	< 10	CFU/g
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Tablet Mass: 0.64 g

Reported By Jake S Hedges, Operations Manager, 9/18/2026