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MURRAY-BROWN LABORATORIES, INC.
Beyond the Raw Data

Certificate of Analysis for

Paradise Industries

Received: 8/10/2026 @ 24.2 °C
Report ID: 2608474

Sample ID: 2608474-002 50 mg - Kratom - Gummy - 3.6 g - Black Cherry

ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 08/10/26

Aerobic Plate Count	< 10	CFU/g

ICPMS.1: Metals via AOAC 2015.01 Modified (ICP/MS) Analyzed 08/12/26

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

KRA.2: 7-Hydroxymitragynine by LC-MS/MS Analyzed 08/12/26

7-Hydroxymitragynine	< 0.200	ppm	7-Hydroxymitragynine (Dry Matter Basis)	< 0.300	ppm

MIT.2: Kratom Alkaloids by HPLC-UV via AOAC 2017.14 (Modified) Analyzed 08/12/26

Isorhynchophylline	< 3.57	mg/gummy	Mitragynine	52.9	mg/gummy
Mitraphylline	< 3.57	mg/gummy	Paynantheine	1.15	mg/gummy
Speciociliatine	< 0.714	mg/gummy	Speciogynine	< 0.714	mg/gummy
Total Alkaloids	54.7	mg/gummy			

Moisture.3: Moisture via AOAC 950.46 (Loss on Drying) Analyzed 08/12/26

Moisture	14.0	g/100 g (%)

ResSolv.1: Residual Solvents by Headspace GC/MS Analyzed 08/13/26

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	< 50.0	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)			

Gummy Mass (Provided by Client): 3.6 g

Reported By Jake S Hedges, Operations Manager, 8/18/2026

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Original