

**Certificate of Analysis for**

Club 13 Enterprises

8165 State Rd 207

Hastings, FL 32145

Phone: (877) 922-5783

Received: 3/19/2025 @ 15.7 °C

Report ID: 2503823

Sample ID: 2503823-003 MA-107**ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 03/19/25**

Aerobic Plate Count	10	CFU/g
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CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 03/19/25

Total Coliform Bacteria	< 10	CFU/g
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ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 03/19/25

Escherichia coli	< 10	CFU/g
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ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 03/21/25

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

MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 03/20/25

Isorhynchophylline	< 0.100	mg/355mL	Mitragynine	70.8	mg/355mL
Mitraphylline	< 0.100	mg/355mL	Paynantheine	5.89	mg/355mL
Speciociliatine	< 0.0100	mg/355mL	Speciogynine	6.88	mg/355mL
Total Alkaloids	83.6	mg/355mL			

ResSolv.1: Residual Solvents by Headspace GC/MS Analyzed 03/21/25

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	670	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)			

Salm.1: Salmonella via AOAC 081201, 2013.02 (BAX® PCR) Analyzed 03/19/25

Salmonella spp.	Negative	/25 g
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STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 03/19/25

Staphylococcus aureus	< 10	CFU/g
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STEC.1: E. coli (O157:H7, O26, O45, O103, O111, O121, O145) via AOAC 091301 (BAX® PCR, STEC Screen) Analyzed 03/19/25

Shiga toxin-producing E. coli (stx-eae)	Negative	/25 g
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YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 03/19/25

Yeast and Mold	< 10	CFU/g
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Jake S Hedges

Reported By Jake S Hedges, Operations Manager, 7/30/2026