



Certificate of Analysis for

Club 13 Enterprises
8165 State Rd 207
Hastings, FL 32145
Phone: (877) 922-5783

Received: 4/17/2025 @ 20.5 °C
Report ID: 2504756

Sample ID: 2504756-001 S12V4041525.1

ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 04/17/25

Aerobic Plate Count	3,900	CFU/g
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CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 04/17/25

Total Coliform Bacteria	< 100	CFU/g
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ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 04/17/25

Escherichia coli	< 100	CFU/g
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ICPMS.1Metals via AOAC 2015.01 Modified (ICP/MS) Analyzed 04/22/25

Arsenic (As)	0.295	mg/kg (ppm)	Cadmium (Cd)	0.0189	mg/kg (ppm)
Lead (Pb)	0.505	mg/kg (ppm)	Mercury (Hg)	0.0184	mg/kg (ppm)

MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 04/21/25

7-Hydroxymitragynine	< 0.0100	%	Isorhynchophylline	< 0.100	%
Mitragynine	1.21	%	Mitracycline	< 0.100	%
Paynantheine	0.203	%	Speciociliatine	0.303	%
Speciogynine	0.154	%	Total Alkaloids	1.87	%

ResSolv.1: Residual Solvents by Headspace GC/MS Analyzed 04/21/25

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	< 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	79.6	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 04/17/25

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 04/17/25

Staphylococcus aureus	< 100	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 04/17/25

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 04/17/25

Yeast and Mold	< 100	CFU/g
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Reported By: *Thu D Ly* Thu D Ly, Chemistry Laboratory Technician, 4/22/2025