



Certificate of Analysis for

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

Received: 8/29/2024 @ 23.6 °C
Report ID: 2408C37

Sample ID: 2408C37-002 KSY-010

ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 08/29/24

Aerobic Plate Count	< 10	CFU/g
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CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 08/29/24

Total Coliform Bacteria	< 10	CFU/g
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ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 08/29/24

Escherichia coli	< 10	CFU/g
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ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 09/03/24

Arsenic (As)	< 0.0200	mg/kg (ppm)	Cadmium (Cd)	< 0.0100	mg/kg (ppm)
Lead (Pb)	0.0246	mg/kg (ppm)	Mercury (Hg)	< 0.00500	mg/kg (ppm)

MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 08/30/24

7-Hydroxymitragynine	< 0.0100	mg/g	Isorhynchophylline	< 0.100	mg/g
Mitragynine	9.08	mg/g	Mitraphylline	< 0.100	mg/g
Paynantheine	2.00	mg/g	Speciociliatine	2.10	mg/g
Speciogynine	1.33	mg/g	Total Alkaloids	14.5	mg/g

ResSolv.1: Residual Solvents by Headspace GC/MS (VF-624MS) Analyzed 09/05/24

1,2-Dichloroethane	< 2.00	mg/kg (ppm)	2-Propanol	< 50.0	mg/kg (ppm)
Acetone	< 50.0	mg/kg (ppm)	Acetonitrile	< 50.0	mg/kg (ppm)
Benzene	< 2.00	mg/kg (ppm)	Chloroform	< 50.0	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	< 50.0	mg/kg (ppm)
Methanol	< 50.0	mg/kg (ppm)	Methylene Chloride	< 50.0	mg/kg (ppm)
N,N-Dimethylformamide	< 10.0	mg/kg (ppm)	Pentane	< 50.0	mg/kg (ppm)
Toluene	< 50.0	mg/kg (ppm)	Trichloroethene	< 50.0	mg/kg (ppm)
Xylenes (p-, m-, o-)	< 50.0	mg/kg (ppm)			

Salm.1: Salmonella via AOAC 081201, 2013.02 (BAX® PCR) Analyzed 08/29/24

Salmonella spp.	Negative	/10 g
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STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 08/29/24

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 08/29/24

Shiga toxin-producing E. coli	Negative	/10 g
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YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 08/29/24

Yeast and Mold	< 10	CFU/g
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Reported By: _____

Jake S Hedges, Chemistry Laboratory Technician, 9/6/2024