



Certificate of Analysis for

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

Received: 5/21/2024 @ 21.8 °C
Report ID: 2405958

Sample ID: 2405958-001 KSG-008

ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 05/23/24

Aerobic Plate Count	< 10	CFU/g
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CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 05/23/24

Total Coliform Bacteria	< 10	CFU/g
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ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 05/23/24

Escherichia coli	< 10	CFU/g
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ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 05/29/24

Arsenic (As)	< 0.020	mg/kg (ppm)	Cadmium (Cd)	< 0.010	mg/kg (ppm)
Lead (Pb)	0.022	mg/kg (ppm)	Mercury (Hg)	< 0.005	mg/kg (ppm)

MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 05/23/24

7-Hydroxymitragynine	< 0.100	mg/g	Isorhynchophylline	< 0.100	mg/g
Mitragynine	9.80	mg/g	Mitraphylline	< 0.100	mg/g
Paynantheine	2.02	mg/g	Speciociliatine	1.79	mg/g
Speciogynine	1.18	mg/g	Total Alkaloids	14.8	mg/g

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

1,2-Dichloroethane	< 2	mg/kg (ppm)	2-Propanol	< 50	mg/kg (ppm)
Acetone	< 50	mg/kg (ppm)	Acetonitrile	< 50	mg/kg (ppm)
Benzene	< 2	mg/kg (ppm)	Chloroform	< 50	mg/kg (ppm)
Cyclohexane	< 50	mg/kg (ppm)	Diethyl ether	< 50	mg/kg (ppm)
Ethanol	< 50	mg/kg (ppm)	Ethyl Acetate	< 50	mg/kg (ppm)
Heptane	< 50	mg/kg (ppm)	Hexane	< 50	mg/kg (ppm)
Methanol	< 50	mg/kg (ppm)	Methylene Chloride	< 50	mg/kg (ppm)
N,N-Dimethylformamide	< 10	mg/kg (ppm)	Pentane	< 50	mg/kg (ppm)
Toluene	< 50	mg/kg (ppm)	Trichloroethene	< 50	mg/kg (ppm)
Xylenes (p-, m-, o-)	< 50	mg/kg (ppm)			

Salm.1: Salmonella via AOAC 081201, 2013.02 (BAX® PCR) Analyzed 05/23/24

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 05/23/24

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 05/23/24

Shiga toxin-producing E. coli	Negative	/10 g
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YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 05/23/24


Yeast and Mold	< 10	CFU/g
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Reported By:  Ryan Connelly, Chemistry Laboratory Manager, 5/29/2024

