

**Certificate of Analysis for**

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

Received: 3/20/2023 @ 21.4 °C
Report ID: 2303735

Sample ID: 2303735-002 **Description:** KSY-001

ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 03/20/23

Aerobic Plate Count	< 10	CFU/g
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CC.1a: CC by mass via AOAC 991.14, 998.03 (Petrifilm™) Analyzed 03/20/23

Total Coliform Bacteria	< 10	CFU/g
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EC.1a: EC by mass via AOAC 991.14, 998.08 (Petrifilm™) Analyzed 03/20/23

Escherichia coli	< 10	CFU/g
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ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 03/24/23

Arsenic (As)	< 0.020	mg/kg (ppm)	Cadmium (Cd)	< 0.010	mg/kg (ppm)
Lead (Pb)	0.038	mg/kg (ppm)	Mercury (Hg)	< 0.005	mg/kg (ppm)

MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 03/23/23

7-Hydroxymitragynine	< 0.010	%	Isorhynchophylline	< 0.100	%
Mitragynine	1.23	%	Mitraphylline	< 0.100	%
Paynantheine	0.167	%	Speciociliatine	0.333	%
Speciogynine	0.098	%	Total Alkaloids	1.83	%

Salm.1: Salmonella via AOAC 081201, 2013.02 (BAX® PCR) Analyzed 03/20/23

Salmonella spp.	Negative	/1 g
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STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 03/20/23

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 03/20/23

Shiga toxin-producing E. coli	Negative	/1 g
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YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 03/20/23

Yeast and Mold	< 10	CFU/g
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Reported By:

Ryan Connelly, Chemistry Laboratory Manager, 3/24/2023