

**Certificate of Analysis for**

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

Received: 4/4/2023 @ 11.9 °C
Report ID: 2304082

Sample ID: 2304082-003 **Description:** GV033123-H.3

ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 04/04/23

Aerobic Plate Count	1,000	CFU/g
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CC.1a: CC by mass via AOAC 991.14, 998.03 (Petrifilm™) Analyzed 04/04/23

Total Coliform Bacteria	< 100	CFU/g
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EC.1a: EC by mass via AOAC 991.14, 998.08 (Petrifilm™) Analyzed 04/04/23

Escherichia coli	< 100	CFU/g
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ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 04/07/23

Arsenic (As)	0.331	mg/kg (ppm)	Cadmium (Cd)	0.016	mg/kg (ppm)
Lead (Pb)	0.893	mg/kg (ppm)	Mercury (Hg)	0.019	mg/kg (ppm)

MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 04/05/23

7-Hydroxymitragynine	< 0.010	%	Isorhynchophylline	< 0.100	%
Mitragynine	1.06	%	Mitraphylline	< 0.100	%
Paynantheine	0.187	%	Speciociliatine	0.417	%
Speciogynine	0.129	%	Total Alkaloids	1.80	%

Myc.1: Mycotoxins by LC-MS Analyzed 04/10/23

Aflatoxin B1	< 10	µg/kg (ppb)	Aflatoxin B2	< 10	µg/kg (ppb)
Aflatoxin G1	< 10	µg/kg (ppb)	Aflatoxin G2	< 10	µg/kg (ppb)
Ochratoxin A	< 20	µg/kg (ppb)			



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Pest.1: Pesticides by LC/MS/MS (Agilent App - Determination of Pesticides and Mycotoxins) Analyzed 04/10/23

Abamectin (B1a + B1b)	< 50	µg/kg (ppb)	Acephate	< 25	µg/kg (ppb)
Acequinocyl	< 10	µg/kg (ppb)	Acetamiprid	< 10	µg/kg (ppb)
Aldicarb	< 25	µg/kg (ppb)	Azoxystrobin	< 10	µg/kg (ppb)
Bifenazate	< 50	µg/kg (ppb)	Bifenthrin	< 10	µg/kg (ppb)
Boscalid	< 50	µg/kg (ppb)	Carbaryl	< 50	µg/kg (ppb)
Carbofuran	< 25	µg/kg (ppb)	Chlorantraniliprole	< 25	µg/kg (ppb)
Chlorfenapyr	< 100	µg/kg (ppb)	Chlorpyrifos	< 25	µg/kg (ppb)
Clofentezine	< 10	µg/kg (ppb)	Coumaphos	< 10	µg/kg (ppb)
Cyfluthrin (Baythroid)	< 50	µg/kg (ppb)	Cypermethrin	1,140	µg/kg (ppb)
Daminozide	< 25	µg/kg (ppb)	Diazinon	< 10	µg/kg (ppb)
Dibrom (Naled)	< 50	µg/kg (ppb)	Dimethoate	< 25	µg/kg (ppb)
Dimethomorph	< 25	µg/kg (ppb)	Ethofenprox	< 10	µg/kg (ppb)
Ethoprophos (Prophos)	< 25	µg/kg (ppb)	Etoxazole	< 25	µg/kg (ppb)
Fenhexamid	< 50	µg/kg (ppb)	Fenoxycarb	< 10	µg/kg (ppb)
Fenpyroximate	< 25	µg/kg (ppb)	Fipronil	< 10	µg/kg (ppb)
Flonicamid	< 25	µg/kg (ppb)	Fludioxonil	< 25	µg/kg (ppb)
Hexythiazox	< 10	µg/kg (ppb)	Imazalil	< 50	µg/kg (ppb)
Imidacloprid	< 10	µg/kg (ppb)	Kresoxim Methyl	< 10	µg/kg (ppb)
Malathion	< 100	µg/kg (ppb)	Metalaxyl	< 25	µg/kg (ppb)
Methiocarb	< 50	µg/kg (ppb)	Methomyl	< 25	µg/kg (ppb)
Oxamyl	< 10	µg/kg (ppb)	Paclobutrazol	< 25	µg/kg (ppb)
Permethrins	< 10	µg/kg (ppb)	Phosdrin (Mevinphos)	< 50	µg/kg (ppb)
Phosmet	< 10	µg/kg (ppb)	Piperonyl Butoxide	< 10	µg/kg (ppb)
Prallethrin	< 25	µg/kg (ppb)	Propiconazol	< 25	µg/kg (ppb)
Propoxur	< 50	µg/kg (ppb)	Pyrethrins	< 50	µg/kg (ppb)
Pyridaben	< 10	µg/kg (ppb)	Spinetoram	< 25	µg/kg (ppb)
Spinosad A	< 10	µg/kg (ppb)	Spinosad D	< 50	µg/kg (ppb)
Spiromesifen	< 25	µg/kg (ppb)	Spirotetramat	< 25	µg/kg (ppb)
Spiroxamine	< 100	µg/kg (ppb)	Systhane (Myclobutanil)	< 50	µg/kg (ppb)
Tebuconazol (Folicur)	< 25	µg/kg (ppb)	Thiacloprid	< 25	µg/kg (ppb)
Thiamethoxam	< 25	µg/kg (ppb)	Trifloxystrobin	< 10	µg/kg (ppb)

ResSolv.1: Residual Solvents by Headspace GC/MS (VF-624MS) Analyzed 04/10/23

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 04/04/23

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 04/04/23

Staphylococcus aureus < 100 CFU/g

STEC.1: E. coli (O157:H7, O26, O45, O103, O111, O121, O145) via AOAC 091301 (BAX® PCR, STEC Screen) Analyzed 04/04/23

Shiga toxin-producing E. coli Negative /25 g

YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 04/04/23

Yeast and Mold < 100 CFU/g

Reported By:

Ryan Connelly, Chemistry Laboratory Manager, 4/11/2023