



Certificate of Analysis for

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

Received: 7/11/2022 @ 24 °C
Report ID: 2207289

Sample ID: 2207289-004 **Description:** RV032922-GA.1

AC.1a: AC by mass via AOAC 990.12 (Petrifilm™) Analyzed 07/11/22

Aerobic Plate Count	18,000	CFU/g
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EB.1a: EB by mass via AOAC 2003.01 (Petrifilm™) Analyzed 07/11/22

Enterobacteriaceae	< 100	CFU/g
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ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 07/13/22

Arsenic (As)	0.139	mg/kg (ppm)	Cadmium (Cd)	0.020	mg/kg (ppm)
Lead (Pb)	0.504	mg/kg (ppm)	Mercury (Hg)	0.019	mg/kg (ppm)

MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 07/13/22

7-Hydroxymitragynine	< 0.010	%	Isorhynchophylline	< 0.100	%
Mitragynine	1.24	%	Mitraphylline	< 0.100	%
Paynantheine	0.193	%	Speciociliatine	0.304	%
Speciogynine	0.190	%	Total Alkaloids	1.97	%

Pest.1: Pesticides by LC/MS/MS (Agilent App - Determination of Pesticides and Mycotoxins) Analyzed 07/13/22

Abamectin (B1a + B1b)	< 50	µg/kg (ppb)	Acephate	< 25	µg/kg (ppb)
Acequinocyl	< 10	µg/kg (ppb)	Acetamiprid	< 50	µg/kg (ppb)
Aldicarb	< 10	µg/kg (ppb)	Azoxystrobin	< 10	µg/kg (ppb)
Bifenazate	< 50	µg/kg (ppb)	Bifenthrin	< 10	µg/kg (ppb)
Boscalid	< 50	µg/kg (ppb)	Carbaryl	< 25	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)	< 100	µg/kg (ppb)	Cypermethrin	< 50	µg/kg (ppb)
Daminozide	< 25	µg/kg (ppb)	Diazinon	< 10	µg/kg (ppb)
Dibrom (Naled)	< 50	µg/kg (ppb)	Dichlorvos	< 100	µg/kg (ppb)
Dimethoate	< 25	µg/kg (ppb)	Dimethomorph	< 25	µg/kg (ppb)
Ethofenprox	< 10	µg/kg (ppb)	Ethoprophos (Propfos)	< 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)			



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Salm.1a: Salmonella via AOAC 081201, 2013.02 (BAX® PCR System) Analyzed 07/11/22


Salmonella spp. Negative /25 g

STEC.1.a: Shiga toxin (stx) & Intimin (eae) genes via AOAC 091301 (BAX® PCR System, STEC Screen) Analyzed 07/11/22

Shiga toxin-producing E. coli Negative /25 g stx and eae genes Negative /25 g

YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 07/11/22

Yeast and Mold 2,000 CFU/g

Reported By:  Ryan Connelly, Chemistry Laboratory Manager, 7/18/2022