



Certificate of Analysis for

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

Received: 1/20/2022 @ 14.2 °C
Report ID: 2201595

Sample ID	Analyzed	Sample Description	Analysis	Result	Units	Method Code
2201595-007	1/26/2022	GV011222-GA.8	Arsenic (As)	0.237	mg/kg (ppm)	ICPMS.1
	1/26/2022		Cadmium (Cd)	0.022	mg/kg (ppm)	ICPMS.1
	1/26/2022		Lead (Pb)	0.275	mg/kg (ppm)	ICPMS.1
	1/26/2022		Mercury (Hg)	0.018	mg/kg (ppm)	ICPMS.1
	1/24/2022		7-Hydroxymitragynine	0.008	%	MIT.2
	1/24/2022		Isorhynchophylline	< 0.100	%	MIT.2
	1/24/2022		Mitragynine	1.24	%	MIT.2
	1/24/2022		Mitraphylline	< 0.100	%	MIT.2
	1/24/2022		Paynantheine	0.332	%	MIT.2
	1/24/2022		Speciociliatine	0.446	%	MIT.2
	1/24/2022		Speciogynine	0.173	%	MIT.2
	1/24/2022		Total Alkaloids	2.20	%	MIT.2
	1/20/2022		Salmonella spp.	Negative	/25 g	Salm.1a
	1/20/2022		Shiga toxin-producing E. coli	Negative	/25 g	STEC.1.a
	1/20/2022		stx and eae genes	Negative	/25 g	STEC.1.a
	1/20/2022		Aerobic Plate Count	700	CFU/g	AC.1a
	1/20/2022		Enterobacteriaceae	< 1,000	CFU/g	EB.1a
	1/21/2022		Yeast and Mold	1,000	CFU/g	YM.1a

Reported By:

Ryan Connelly, Chemistry Laboratory Manager, 1/26/2022

Methodology:

AC.1a : AC by mass via AOAC 990.12 (Petrifilm™) Prep: Initial Dilution
ICPMS.1 : Metals via FDA - EAM:2008 (ICP/MS) Prep: Digestion, Microwave
Salm.1a : Salmonella via AOAC 081201, 2013.02 (BAX® PCR System)
YM.1a : YM by mass via AOAC RI 121301 (Petrifilm™) Prep: Initial Dilution

EB.1a : EB by mass via AOAC 2003.01 (Petrifilm™) Prep: Initial Dilution
MIT.2 : Kratom Alkaloids via HPLC-DAD
STEC.1.a : Shiga toxin (stx) & Intimin (eae) genes via AOAC 091301 (BAX® PCR System, STEC Screen)