



# Certificate of Analysis for

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

Received: 9/1/2023 @ 28.9 °C  
Report ID: 2309035

**Sample ID:** 2309035-004 EXTSPC28%-02

**ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 09/08/23**

Arsenic (As)	< 0.020	mg/kg (ppm)	Cadmium (Cd)	< 0.010	mg/kg (ppm)
Lead (Pb)	0.081	mg/kg (ppm)	Mercury (Hg)	< 0.005	mg/kg (ppm)

**MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 09/06/23**

7-Hydroxymitragynine	< 0.100	%	Isorhynchophylline	< 0.100	%
Mitragynine	13.2	%	Mitraphylline	< 0.100	%
Paynantheine	9.57	%	Speciociliatine	16.0	%
Speciogyneine	8.61	%	Total Alkaloids	47.4	%

**ResSolv.1: Residual Solvents by Headspace GC/MS (VF-624MS) Analyzed 09/05/23**

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	1,810	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)			

Reported By:

Ryan Connelly, Chemistry Laboratory Manager, 9/8/2023