

**Certificate of Analysis for**

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

Received: 3/29/2024 @ 18 °C  
Report ID: 2403C57

**Sample ID:** 2403C57-007 S13E2032824

**ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 04/02/24**

Arsenic (As)	0.047	mg/kg (ppm)	Cadmium (Cd)	< 0.010	mg/kg (ppm)
Lead (Pb)	0.025	mg/kg (ppm)	Mercury (Hg)	< 0.005	mg/kg (ppm)

**MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 04/02/24**

7-Hydroxymitragynine	< 0.100	%	Isorhynchophylline	< 0.100	%
Mitragynine	19.4	%	Mitraphylline	< 0.100	%
Paynantheine	4.10	%	Speciociliatine	2.88	%
Speciogyneine	2.57	%	Total Alkaloids	28.9	%

**ResSolv.1: Residual Solvents by Headspace GC/MS (VF-624MS) Analyzed 04/02/24**

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	763	mg/kg (ppm)	Methylene Chloride	138	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, 4/4/2024