

**Certificate of Analysis for**

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

Received: 4/12/2024 @ 24.7 °C  
Report ID: 2404530

**Sample ID:** 2404530-001 S13E2041124

**ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 04/16/24**

Arsenic (As)	0.046	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 04/15/24**

7-Hydroxymitragynine	< 0.100	%	Isorhynchophylline	< 0.100	%
Mitragynine	32.4	%	Mitraphylline	< 0.100	%
Paynantheine	7.40	%	Speciociliatine	4.26	%
Speciogyneine	3.91	%	Total Alkaloids	48.0	%

**ResSolv.1: Residual Solvents by Headspace GC/MS (VF-624MS) Analyzed 04/15/24**

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	1,150	mg/kg (ppm)	Methylene Chloride	193	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, 4/16/2024