

**Certificate of Analysis for**

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

Received: 6/24/2024 @ 29.5 °C
Report ID: 2406950

Sample ID: 2406950-002 S13E2062024

ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 06/26/24

Arsenic (As)	0.033	mg/kg (ppm)	Cadmium (Cd)	< 0.010	mg/kg (ppm)
Lead (Pb)	0.090	mg/kg (ppm)	Mercury (Hg)	0.006	mg/kg (ppm)

MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 06/26/24

7-Hydroxymitragynine	< 0.100	%	Isorhynchophylline	< 0.100	%
Mitragynine	32.4	%	Mitraphylline	< 0.100	%
Paynantheine	6.34	%	Speciociliatine	4.21	%
Speciogynine	4.03	%	Total Alkaloids	47.0	%

ResSolv.1: Residual Solvents by Headspace GC/MS (VF-624MS) Analyzed 06/27/24

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	223	mg/kg (ppm)	Methylene Chloride	96	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, 6/28/2024