

**Certificate of Analysis for**

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

Received: 4/3/2024 @ 22.8 °C
Report ID: 2404162

Sample ID: 2404162-002 S13E4040224**ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 04/08/24**

Arsenic (As)	< 0.020	mg/kg (ppm)	Cadmium (Cd)	< 0.010	mg/kg (ppm)
Lead (Pb)	0.087	mg/kg (ppm)	Mercury (Hg)	< 0.005	mg/kg (ppm)

MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 04/05/24

7-Hydroxymitragynine	< 0.100	%	Isorhynchophylline	< 0.100	%
Mitragynine	65.3	%	Mitraphylline	< 0.100	%
Paynantheine	3.82	%	Speciociliatine	0.720	%
Speciogyneine	1.61	%	Total Alkaloids	71.4	%

ResSolv.1: Residual Solvents by Headspace GC/MS (VF-624MS) Analyzed 04/09/24

1,2-Dichloroethane	< 2	mg/kg (ppm)	2-Propanol	< 50	mg/kg (ppm)
Acetone	275	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	1,520	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, 4/9/2024