



Certificate of Analysis for

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

Received: 5/22/2025 @ 25.5 °C
Report ID: 2505A56

Sample ID: 2505A56-004 S13E3052025.4

ICPMS.1 Metals via AOAC 2015.01 Modified (ICP/MS) Analyzed 05/27/25

Arsenic (As)	< 0.0200	mg/kg (ppm)	Cadmium (Cd)	< 0.0100	mg/kg (ppm)
Lead (Pb)	0.0507	mg/kg (ppm)	Mercury (Hg)	< 0.00500	mg/kg (ppm)

MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 05/23/25

7-Hydroxymitragynine	< 0.500	%	Isorhynchophylline	< 0.500	%
Mitragynine	49.9	%	Mitraphylline	< 0.500	%
Paynantheine	7.09	%	Speciociliatine	2.96	%
Speciogynine	3.86	%	Total Alkaloids	63.9	%

ResSolv.1: Residual Solvents by Headspace GC/MS Analyzed 06/03/25

1,2-Dichloroethane	< 1.00	mg/kg (ppm)	2-Propanol	< 50.0	mg/kg (ppm)
Acetone	< 50.0	mg/kg (ppm)	Acetonitrile	< 50.0	mg/kg (ppm)
Benzene	< 0.500	mg/kg (ppm)	Chloroform	< 1.00	mg/kg (ppm)
Cyclohexane	< 50.0	mg/kg (ppm)	Diethyl ether	< 50.0	mg/kg (ppm)
Ethanol	< 50.0	mg/kg (ppm)	Ethyl Acetate	< 50.0	mg/kg (ppm)
Heptane	< 50.0	mg/kg (ppm)	Hexane	< 2.00	mg/kg (ppm)
Methanol	287	mg/kg (ppm)	Methylene Chloride	39.2	mg/kg (ppm)
N,N-Dimethylformamide	< 10.0	mg/kg (ppm)	Pentane	< 50.0	mg/kg (ppm)
Toluene	2.79	mg/kg (ppm)	Trichloroethene	< 50.0	mg/kg (ppm)
Xylenes (p-, m-, o-)	< 40.0	mg/kg (ppm)			

Reported By: _____

Jake S Hedges

Jake S Hedges, Chemistry Laboratory Supervisor, 6/4/2025