11455 Pearl St Northglenn, CO 80233 (303) 296-026

MURRAY-BROWN LABORATORIES, INC.
Beyond the Raw Data

Certificate of Analysis for

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

Received: 4/15/2025 @ 15.6 °C
Report ID: 2504637

Sample ID: 2504637-011 Club13 Bliss 215mit Liquid Extract Lot AI42

ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 04/15/25

Aerobic Plate Count	< 10	CFU/g

CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 04/15/25

Total Coliform Bacteria	< 10	CFU/g

ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 04/15/25

Escherichia coli	< 10	CFU/g

GU Pro STEC SLM.2: STEC Salmonella via AOAC PTM 092101 Analyzed 04/15/25

Salmonella spp.	Absent	CFU/100 g	Shiga toxin-producing E. coli (stx)	Absent	CFU/100 g

ICPMS.1Metals via AOAC 2015.01 Modified (ICP/MS) Analyzed 04/22/25

Arsenic (As)	< 0.0200	mg/kg (ppm)	Cadmium (Cd)	< 0.0100	mg/kg (ppm)
Lead (Pb)	0.00680	mg/kg (ppm)	Mercury (Hg)	< 0.00500	mg/kg (ppm)

MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 04/21/25

7-Hydroxymitragynine	< 200	mg/mL	Isorhynchophylline	< 0.100	mg/mL
Mitragynine	14.2	mg/mL	Mitraphylline	< 0.100	mg/mL
Paynantheine	2.50	mg/mL	Speciociliatine	1.48	mg/mL
Speciogynine	1.72	mg/mL	Total Alkaloids	19.9	mg/mL

ResSolv.1: Residual Solvents by Headspace GC/MS Analyzed 04/21/25

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	132,000	mg/kg (ppm)	Ethyl Acetate	62.0	mg/kg (ppm)
Heptane	< 50.0	mg/kg (ppm)	Hexane	< 2.00	mg/kg (ppm)
Methanol	< 50.0	mg/kg (ppm)	Methylene Chloride	< 1.00	mg/kg (ppm)
N,N-Dimethylformamide	< 10.0	mg/kg (ppm)	Pentane	< 50.0	mg/kg (ppm)
Toluene	< 1.00	mg/kg (ppm)	Trichloroethene	< 50.0	mg/kg (ppm)
Xylenes (p-, m-, o-)	< 40.0	mg/kg (ppm)			

STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 04/15/25

Staphylococcus aureus	< 10	CFU/g

YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 04/15/25

Yeast and Mold	< 10	CFU/g

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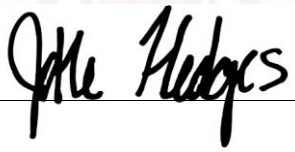
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Report ID 2504637 has been amended as follows: Unit for 7-Hydroxymitragynine was changed from mg/mL to ppm at the client's request.



Reported By Jake S Hedges, Chemistry Laboratory Supervisor, 8/28/2025

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