11455 Pearl St Northglenn, CO 80233 (303) 296-0264

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: 7/1/2026 @ 22 °C

Club13 50mit Soda -Mojo Citrus Lot: M50-101

Sample ID: 2607068-001

ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 07/01/26

Aerobic Plate Count	< 10	CFU/g

CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 07/01/26

Total Coliform Bacteria	< 10	CFU/g

ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 07/01/26

Escherichia coli	< 10	CFU/g

GU Pro STEC SLM.2: STEC Salmonella via AOAC PTM 092101 Analyzed 07/02/26

Salmonella spp.	Absent	CFU/25 g	Shiga toxin-producing E. coli	Absent	CFU/25 g

ICPMS.1: Metals via AOAC 2015.01 Modified (ICP/MS) Analyzed 07/08/26

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

KRA.2: 7-Hydroxymitragynine by LC-MS/MS Analyzed 07/02/26

7-Hydroxymitragynine	7.79	ppm

MIT.2: Kratom Alkaloids by HPLC-UV via AOAC 2017.14 (Modified) Analyzed 07/02/26

Isorhynchophylline	< 7.09	mg/355 mL	Mitragynine	46.8	mg/355 mL
Mitraphylline	< 7.09	mg/355 mL	Paynantheine	< 1.42	mg/355 mL
Speciociliatine	< 1.42	mg/355 mL	Speciogynine	< 1.42	mg/355 mL
Total Alkaloids	49.1	mg/355 mL			

ResSolv.1: Residual Solvents by Headspace GC/MS Analyzed 07/06/26

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	1,990	mg/kg (ppm)	Ethyl Acetate	< 50.0	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 07/01/26

Staphylococcus aureus	< 10	CFU/g

YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 07/01/26

Yeast and Mold	< 10	CFU/g

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Original

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Reported By Jake S Hedges, Operations Manager, 7/9/2026

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Original