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

MURRAY-BROWN LABORATORIES, INC.
Beyond the Raw Data

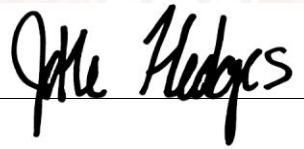
Certificate of Analysis for

Kats Botanicals
750 Hickory Industrial Drive
Old Hickory, TN 37138

Received: 12/5/2024 @ 21 °C
Report ID: 2412254

Sample ID	Analyzed	Sample Description	Analysis	Result	Units	Method Code
2412254-003	12/10/2024	50mg - Kratom - 3.6g Gummy - Green Apple - AGG016624	7-Hydroxymitragynine	< 0.100	mg/gummy	MIT.2
	12/10/2024		Isorhynchophylline	< 0.100	mg/gummy	MIT.2
	12/10/2024		Mitragynine	53.3	mg/gummy	MIT.2
	12/10/2024		Mitraphylline	< 0.100	mg/gummy	MIT.2
	12/10/2024		Paynantheine	1.82	mg/gummy	MIT.2
	12/10/2024		Speciociliatine	< 0.0100	mg/gummy	MIT.2
	12/10/2024		Speciogynine	1.40	mg/gummy	MIT.2
	12/10/2024		Total Alkaloids	56.6	mg/gummy	MIT.2

Gummy Mass (Provided by Client): 3.6 g

Reported By:  Jake S Hedges, Chemistry Laboratory Technician, 12/12/2024

Methodology:

MIT.2 : Kratom Alkaloids via HPLC-DAD

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