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

MURRAY-BROWN LABORATORIES, INC.
Beyond the Raw Data

Certificate of Analysis for

Kats Botanicals
750 Hickory Industrial Dr
Old Hickory, TN 37138

Received: 5/31/2024 @ 22.1 °C
Report ID: 2405D36

Sample ID: 2405D36-002 Blend Lot #KKM1803P

ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 05/31/24

Aerobic Plate Count	1,400,000	CFU/g

CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 05/31/24

Total Coliform Bacteria	4,100	CFU/g

ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 05/31/24

Escherichia coli	< 100	CFU/g

ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 06/04/24

Arsenic (As)	0.040	mg/kg (ppm)	Cadmium (Cd)	0.334	mg/kg (ppm)
Lead (Pb)	0.180	mg/kg (ppm)	Mercury (Hg)	0.007	mg/kg (ppm)

Kava.1: USP Monograph for Piper methysticum Root - Content of Kavalactones by HPLC-UV Analyzed 06/06/24

Desmethoxyyangonin	0.438	%	Dihydrokawain	1.36	%
Dihydromethysticin	0.853	%	Kawain	1.77	%
Methysticin	1.31	%	Total Kavalactones	6.36	%
Yangonin	0.627	%			

Salm.1: Salmonella via AOAC 081201, 2013.02 (BAX® PCR) Analyzed 05/31/24

Salmonella spp.	Negative	/25 g

STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 05/31/24

Staphylococcus aureus	< 100	CFU/g

STEC.1: E. coli (O157:H7, O26, O45, O103, O111, O121, O145) via AOAC 091301 (BAX® PCR, STEC Screen) Analyzed 05/31/24

Shiga toxin-producing E. coli	Negative	/25 g

YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 05/31/24

Yeast and Mold	100	CFU/g

Report ID 2405D36 has been amended as follows: Customer information was changed per client request.

RPC 6-20-24

Reported By: Ryan Connelly, Chemistry Laboratory Manager, 6/20/2024

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Original