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: 9/10/2024 @ 22.2 °C
Report ID: 2409338

Sample ID: 2409338-001 Fijian Lot #2408A04 FKM0804P

ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 09/10/24

Aerobic Plate Count	410,000	CFU/g

CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 09/10/24

Total Coliform Bacteria	1,600	CFU/g

ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 09/10/24

Escherichia coli	< 100	CFU/g

ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 09/13/24

Arsenic (As)	0.0240	mg/kg (ppm)	Cadmium (Cd)	0.221	mg/kg (ppm)
Lead (Pb)	0.149	mg/kg (ppm)	Mercury (Hg)	< 0.00500	mg/kg (ppm)

Kava.1: USP Monograph for Piper methysticum Root - Content of Kavalactones by HPLC-UV Analyzed 09/11/24

Desmethoxyyangonin	0.394	%	Dihydrokawain	1.33	%
Dihydromethysticin	0.749	%	Kawain	1.58	%
Methysticin	1.10	%	Total Kavalactones	6.11	%
Yangonin	0.955	%			

Salm.1: Salmonella via AOAC 081201, 2013.02 (BAX® PCR) Analyzed 09/10/24

Salmonella spp.	Negative	/10 g

STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 09/10/24

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 09/10/24

Shiga toxin-producing E. coli	Negative	/10 g

YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 09/10/24

Yeast and Mold	< 100	CFU/g

Report ID 2409338 has been amended as follows: Customer information was changed per client request.

TDL 09-23-2024

Reported By: Thu D Ly, Chemistry Laboratory Technician, 9/23/2024

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Original