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MURRAY-BROWN LABORATORIES, INC.
Beyond the Raw Data

Certificate of Analysis for

Wicked Cool Wellness
PO Box 4233
St Johnsbury, VT 05819

Received: 2/26/2024 @ 21.5 °C
Report ID: 2402A02

Sample ID: 2402A02-002 Kats Botanicals - Lot FKM0802P

ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 02/29/24

Aerobic Plate Count	700,000	CFU/g

CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 02/29/24

Total Coliform Bacteria	100	CFU/g

ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 02/29/24

Escherichia coli	< 100	CFU/g

ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 03/04/24

Arsenic (As)	0.032	mg/kg (ppm)	Cadmium (Cd)	0.167	mg/kg (ppm)
Lead (Pb)	0.058	mg/kg (ppm)	Mercury (Hg)	< 0.005	mg/kg (ppm)

Kava.1: USP - Content of Kavalactones by HPLC Analyzed 02/29/24

Desmethoxyyangonin	0.567	%	Dihydrokawain	1.60	%
Dihydromethysticin	0.925	%	Kawain	2.12	%
Methysticin	1.56	%	Total Kavalactones	7.58	%
Yangonin	0.802	%			

Salm.1: Salmonella via AOAC 081201, 2013.02 (BAX® PCR) Analyzed 02/29/24

Salmonella spp.	Negative	/25 g

STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 02/29/24

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 02/29/24

Shiga toxin-producing E. coli	Negative	/25 g

YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 02/29/24

Yeast and Mold	< 100	CFU/g

Report ID 2402A02 has been amended as follows: Sample description was changed from "Fijian Kava Powder, Lot F7026021" to "Kats Botanicals - Lot FKM0802P".

RPC 5-28-24

Reported By: Ryan Connelly, Chemistry Laboratory Manager, 5/28/2024

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Original