CERTIFICATE OF ANALYSIS

SAMPLE NAME: KATS KAVA BLEND

SAMPLE CODE: DTS-240209-015

CLIENT: KATS BOTANICALS

BATCH RESULT: PASS

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MATRIX NAME: Botanical Powder - Plant
SAMPLE TYPE: Quality Assurance
RECEIVED DATE: Fri, Feb 9, 2024
PUBLISHED DATE: Thu, Feb 15, 2024
BATCH CODE: Lot #KKM1801P
BATCH SIZE: 1U
SAMPLE SIZE: 1U

KAVAL ✓	ECOLI ✓	TAMC ✓	SS ✓	TYMFD ✓
Kavalactones & Kavains	Total E. Coli & Coliforms	Total Aerobic Bacteria	Salmonella & STEC	Total Yeast & Mold
	Plate	Plate	qPCR	Plate

HPMET ✓
Heavy Metals
7

RESULTS REVIEWED BY: Leslie Varela
Laboratory Director
Cambium Analytica
Thu, Feb 15, 2024

RESULTS CERTIFIED BY: Douglas Smith
VP - Scientific Operations
Cambium Analytica
Thu, Feb 15, 2024

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LAB-TM-067 - DETERMINATION OF KAVALACTONES & KAVAINS BY LC-DAD

KAVAL-DTS-240209-015-01 - FRI, FEB 9, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Total Kavalactones	5.492 %	N/A			N/A
Methysticin	1.199 %	N/A	0.25 ug/g	1 ug/g	N/A
Kavain	1.192 %	N/A	0.25 ug/g	1 ug/g	N/A
Dihydrokavain	0.909 %	N/A	0.25 ug/g	1 ug/g	N/A
Yangonin	0.832 %	N/A	0.25 ug/g	1 ug/g	N/A
Dihydromethysticin	0.825 %	N/A	0.25 ug/g	1 ug/g	N/A
Desmethoxyyangonin	0.461 %	N/A	0.25 ug/g	1 ug/g	N/A
Flavokavain A	0.044 %	N/A	0.025 ug/g	0.1 ug/g	N/A
Flavokavain B	0.029 %	N/A	0.025 ug/g	0.1 ug/g	N/A

LAB-TM-059 - ENUMERATION OF ESCHERICHIA COLI AND TOTAL COLIFORM IN FOODS AND DIETARY SUPPLEMENTS

ECOLI-DTS-240209-015-01 - TUE, FEB 13, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
E. coli	<20 CFU/g	20 CFU/g	N/A	N/A	PASS
Total Coliforms	<20 CFU/g	10000 CFU/g	N/A	N/A	PASS

LAB-TM-060 - ENUMERATION OF TOTAL AEROBIC COUNT IN FOODS AND DIETARY SUPPLEMENTS

TAMC-DTS-240209-015-01 - TUE, FEB 13, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Total Aerobic Count	>30000 CFU/g	10000000 CFU/g			PASS

LAB-TM-006 - MICROBIAL ANALYSIS BY QPCR

SS-DTS-240209-015-01 - TUE, FEB 13, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Salmonella Spp	ND	Detection			PASS
Shiga Toxin Producing E. coli	ND	N/A			N/A

LAB-TM-061 - ENUMERATION OF YEAST AND MOLD IN FOODS AND DIETARY SUPPLEMENTS

TYMFD-DTS-240209-015-01 - TUE, FEB 13, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Total Yeast and Mold	<20 CFU/g	100000 CFU/g			PASS

LAB-TM-044 - DETERMINATION OF HEAVY METALS BY ICP-MS

HPMET-DTS-240209-015-01 - TUE, FEB 13, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Arsenic	ND	1000 ug/g	0.1985 ug/kg	0.6616 ug/kg	PASS
Cadmium	0.331 ug/g	0.4 ug/g	0.0817 ug/kg	0.2724 ug/kg	PASS
Chromium	1.547 ug/g	N/A	0.6272 ug/kg	2.0907 ug/kg	N/A
Copper	8.164 ug/g	N/A	0.1546 ug/kg	0.5152 ug/kg	N/A
Lead	0.071 ug/g	1.250 ug/g	0.2817 ug/kg	0.2817 ug/kg	PASS
Mercury	0.008 ug/g	0.2 ug/g	0.0171 ug/kg	0.0571 ug/kg	PASS
Nickel	0.917 ug/g	20 ug/g	0.3213 ug/kg	1.0709 ug/kg	PASS