CERTIFICATE OF ANALYSIS

SAMPLE NAME: BLEND

SAMPLE CODE: DTS-240401-021

CLIENT: KATS BOTANICALS

BATCH RESULT: PASS

cambium analytica

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MATRIX NAME: Botanical Powder - Plant
SAMPLE TYPE: Compliance
RECEIVED DATE: Mon, Apr 1, 2024
PUBLISHED DATE: Thu, Apr 4, 2024
BATCH CODE: Lot# KKM2802P
BATCH SIZE: 0
SAMPLE SIZE: 1U

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

HPMET ✓
Heavy Metals 7

RESULTS REVIEWED BY: Leslie Varela
Laboratory Director
Cambium Analytica
Thursday, Apr 4, 2024

RESULTS CERTIFIED BY: Douglas Smith
VP - Scientific Operations
Cambium Analytica
Thursday, Apr 4, 2024

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LAB-TM-067 - DETERMINATION OF KAVALACTONES & KAVAINS BY LC-DAD
KAVAL-DTS-240401-021-01 - MON, APR 1, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Total Kavalactones	7.604 %	N/A			N/A
Kavain	1.890 %	N/A	0.25 ug/g	1 ug/g	N/A
Methysticin	1.489 %	N/A	0.25 ug/g	1 ug/g	N/A
Dihydrokavain	1.473 %	N/A	0.25 ug/g	1 ug/g	N/A
Yangonin	1.215 %	N/A	0.25 ug/g	1 ug/g	N/A
Dihydromethysticin	0.869 %	N/A	0.25 ug/g	1 ug/g	N/A
Desmethoxyyangonin	0.568 %	N/A	0.25 ug/g	1 ug/g	N/A
Flavokavain A	0.059 %	N/A	0.025 ug/g	0.1 ug/g	N/A
Flavokavain B	0.041 %	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-240401-021-01 - MON, APR 1, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
E. coli	ND	20 CFU/g	10 CFU/g	10 CFU/g	PASS
Total Coliforms	30 CFU/g	10000 CFU/g	10 CFU/g	10 CFU/g	PASS

LAB-TM-060 - ENUMERATION OF TOTAL AEROBIC COUNT IN FOODS AND DIETARY SUPPLEMENTS
TAMC-DTS-240401-021-01 - MON, APR 1, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Total Aerobic Count	95000 CFU/g	10000000 CFU/g	1000 CFU/g	1000 CFU/g	PASS

LAB-TM-006 - MICROBIAL ANALYSIS BY QPCR
SS-DTS-240401-021-01 - MON, APR 1, 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-240401-021-01 - MON, APR 1, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Total Yeast and Mold	ND	100000 CFU/g	10 CFU/g	10 CFU/g	PASS

LAB-TM-044 - DETERMINATION OF HEAVY METALS BY ICP-MS
HPMET-DTS-240401-021-03 - TUE, APR 2, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Arsenic	0.071 ug/g	1000 ug/g	0.1985 ug/kg	0.6616 ug/kg	PASS
Cadmium	0.378 ug/g	0.4 ug/g	0.0817 ug/kg	0.2724 ug/kg	PASS
Chromium	1.038 ug/g	N/A	0.6272 ug/kg	2.0907 ug/kg	N/A
Copper	8.769 ug/g	N/A	0.1546 ug/kg	0.5152 ug/kg	N/A
Lead	0.066 ug/g	1.250 ug/g	0.2817 ug/kg	0.2817 ug/kg	PASS
Mercury	0.002 ug/g	0.2 ug/g	0.0171 ug/kg	0.0571 ug/kg	PASS
Nickel	0.627 ug/g	20 ug/g	0.3213 ug/kg	1.0709 ug/kg	PASS