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Certificate of Analysis

Client Information

MIT45. Inc
 380 W Lawndale Drive
 South Salt Lake City, UT 84115
 USA
 866-648-4555

Sample Information

ARL ID: 729302
 Date Received: 2/22/2024
 Date Tested: 2/27/2024
 Description: MIT45 Super K Extra Strong 30 mL (12 Pack) Part #: 30036
 Lot#: 0816

Results

Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
<u>K5A Profile (Rapid)</u>						1
<u>Complete Micro Profile (High Count, Rapid)</u>	USP, AOAC					1
Total Plate Count (High Count)	USP <2021>	10	Record Only	None Detected	cfu's/g	1
Coliforms	AOAC 991.14	100	Record Only	None Detected	cfu's/g	1
E. coli	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Staphylococcus aureus	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Salmonella	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Yeast and Mold (High Count, Rapid)	AOAC RI	10	Record Only	None Detected	cfu's/g	1
<u>Heavy Metals</u>	ARL ICPMS 8.0.16					1
Arsenic (As)	ARL ICPMS 8.0.16	0.001	Record Only	0.006	ppm	1
Cadmium (Cd)	ARL ICPMS 8.0.16	0.001	Record Only	< 0.001	ppm	1
Mercury (Hg)	ARL ICPMS 8.0.16	0.001	Record Only	0.001	ppm	1
Lead (Pb)	ARL ICPMS 8.0.16	0.001	Record Only	0.003	ppm	1
<u>K5A Actives</u>	ARL 2.046					1
Mitragynine	ARL 2.046	0.03	Record Only	1.01	%	1
7-Hydroxy-Mitragynine	ARL 2.046	0.04	Record Only	< 0.04	%	1
Speciogynine	ARL 2.046	0.03	Record Only	0.14	%	1
Paynantheine	ARL 2.046	0.04	Record Only	0.19	%	1

Form: arlcoa031201a Report: 729302

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Released by: Jacob Teller

Date Released: 2/27/2024

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ARL ID: 729302

Description: MIT45 Super K Extra Strong 30 mL (12 Pack) Part #: 30036

Lot: 0816

Serving Size:



Results

Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
Speciociliatine	ARL 2.046	0.03	Record Only	0.30	%	1
Specific Gravity	ARL 2.006	0.01	Record Only	1.15	g/mL	1

†Method Detection Limit (MDL):

In microbiological testing, this is the minimum level of growth that can be detected with confidence. If a result is reported as "None Detected", it means any visible growth was below this limit.

†Limit of Quantitation (LOQ):

In analytical chemistry testing, this is the minimum level of the desired analyte that can be quantified with confidence. If a result is reported as less than LOQ, it means any detected amount was too small to report an exact number.

Under accreditation number 77504, ARL is an ISO/IEC 17025:2017 Accredited Laboratory. Uncertainty data for ISO-scoped methods is available upon request. Certificate and scope are also available upon request.

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