



12423 NE Whitaker Way
Portland, OR 97230
503-254-1794



Report Number: 24-000171/D001.R003
Report Date: 02/23/2024
Purchase Order:
Received: 01/05/24 10:16 AM

This is an amended version of report# 24-000171/D001.R002.

Reason: Revised report with new IDs per client request

Customer: Kats Kratom
United States of America (USA)

Sample ID: 020926
Sample Matrix: Kratom Gel Caps
Laboratory ID: 24-000171-0003
Evidence of Cooling: No
Temp: 18.4 °C
Relinquished by: USPS

Sample Results

Metals

Heavy Metals Profile K

Analyte	Result	Units	LOQ	Analyzed Method	Threshold	Pass/Fail	Notes
Arsenic	< LOQ	mg/kg	0.0379	01/10/24 AOAC 2013.06 (mod.) ^b	2.08	pass	
Cadmium	< LOQ	mg/kg	0.0379	01/10/24 AOAC 2013.06 (mod.) ^b	0.850	pass	
Lead	< LOQ	mg/kg	0.0379	01/10/24 AOAC 2013.06 (mod.) ^b	1.25	pass	
Mercury	< LOQ	mg/kg	0.0190	01/10/24 AOAC 2013.06 (mod.) ^b	0.410	pass	
Nickel	0.221	mg/kg	0.0379	01/10/24 AOAC 2013.06 (mod.) ^b	20.0	pass	

Microbiology

Custom Micro Profile, 25g

Analyte	Result	Units	LOQ	Analyzed Method	Threshold	Pass/Fail	Notes
Aerobic Plate Count	< LOQ	cfu/g	10	01/08/24 AOAC 990.12 (Petrifilm) ^b	10,000	pass	I
E.coli	< LOQ	cfu/g	10	01/08/24 AOAC 991.14 (Petrifilm) ^b	100	pass	I
Enterobacteriaceae	< LOQ	cfu/g	10	01/07/24 AOAC 2003.01 ^b	1,000	pass	I
Mold (RAPID Petrifilm)	< LOQ	cfu/g	10	01/09/24 AOAC 2014.05 (RAPID) ^b	1,000	pass	I
Yeast (RAPID Petrifilm)	< LOQ	cfu/g	10	01/09/24 AOAC 2014.05 (RAPID) ^b	1,000	pass	I
Salmonella spp. by PCR	Negative	/g	-	01/07/24 AOAC 2020.02 ^b ₁	Negative	pass	I

1) GENE-UP® Assay

Mitragynine

Mitragynine

Analyte	Result	Units	LOQ	Analyzed Method	Threshold	Pass/Fail	Notes
Mitragynine	3.57	%	0.0500	01/09/24 In house method by HPLC-DAD ^b			



Mitragynine

Abbreviations

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

Threshold Note: limits based on AHPA Recommended Limits for Powdered botanical extracts and products

Glossary of Qualifiers

I: Insufficient sample received to meet method requirements.

^b = ISO/IEC 17025:2017 accredited method.

Units of Measure

cfu/g = Colony forming units per gram

mg/kg = Milligram per kilogram = parts per million (ppm)

/g = Per gram

% = Percentage of sample

Approved Signatory



Derrick Tanner
General Manager