



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

Report Number: 23-007838/D002.R000
Report Date: 07/11/2023
Purchase Order:
Received: 07/03/23 10:19 AM



Customer:

Sample ID: 2307-083
Sample Matrix: Kratom powder
Laboratory ID: 23-007838-0004-00
 No
Evidence of Cooling: 24.1 °C
Temp: Shipping
Relinquished by:

Sample Results

Microbiology

Kratom Micro Profile

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Aerobic Plate Count	18,000	cfu/g	10,000	07/10/23	AOAC 990.12 (Petrifilm) ^p	
E.coli	< LOQ	cfu/g	100	07/10/23	AOAC 991.14 (Petrifilm) ^p	
Total Coliforms	1,600	cfu/g	1,000	07/10/23	AOAC 991.14 (Petrifilm) ^p	
Enterobacteriaceae	3,400	cfu/g	1,000	07/09/23	AOAC 2003.01 ^p	
Mold (RAPID Petrifilm)	1,100	cfu/g	1,000	07/10/23	AOAC 2014.05 (RAPID) ^p	
Yeast (RAPID Petrifilm)	< LOQ	cfu/g	100	07/10/23	AOAC 2014.05 (RAPID) ^p	
Salmonella spp. by PCR	Negative	/25g		07/09/23	AOAC 2020.02 ^{p1}	

1) GENE-UP® Assay

Mitragynine

Mitragynine Full Alkaloid Panel

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
7-Hydroxymitragynine	0.0126	%	0.0100	07/10/23	In house method by HPLC-DAD ^p	
Isorhynchophylline	< LOQ	%	0.0500	07/10/23	In house method by HPLC-DAD ^p	
Mitragynine	1.36	%	0.0500	07/10/23	In house method by HPLC-DAD ^p	
Mitraphylline	< LOQ	%	0.0500	07/10/23	In house method by HPLC-DAD ^p	
Paynantheine	0.243	%	0.0500	07/10/23	In house method by HPLC-DAD ^p	
Speciociliatine	0.427	%	0.0500	07/10/23	In house method by HPLC-DAD ^p	
Speciogynine	0.163	%	0.0500	07/10/23	In house method by HPLC-DAD ^p	

Notes:

Possible microbial contamination from non-aseptic sample handling