



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

Report Number: 24-002582/D001.R000
Report Date: 03/13/2024
Purchase Order:
Received: 03/07/24 10:44 AM
Project Name: Kratom Extract Product Testing



Customer: Empowered Creations, LLC
321 W. Ben White Blvd Ste 103
Austin Texas 78704
United States of America (USA)

Sample ID: King K Silver 150mg/30ml

Sample Matrix: Kratom Liquid

Laboratory ID: 24-002582-0002-00

Evidence of Cooling: No

Temp: 15.1 °C

Relinquished by: shipping

Sample Results

Metals

Kratom Quality & Safety Expanded

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Arsenic	< LOQ	mg/kg	0.0197	03/12/24	AOAC 2013.06 (mod.) ^p	
Cadmium	< LOQ	mg/kg	0.0197	03/12/24	AOAC 2013.06 (mod.) ^p	
Lead	< LOQ	mg/kg	0.0197	03/12/24	AOAC 2013.06 (mod.) ^p	
Mercury	< LOQ	mg/kg	0.00985	03/12/24	AOAC 2013.06 (mod.) ^p	
Nickel	< LOQ	mg/kg	0.0197	03/12/24	AOAC 2013.06 (mod.) ^p	

Microbiology

Kratom Quality & Safety Expanded

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Aerobic Plate Count	< LOQ	cfu/g	10	03/10/24	AOAC 990.12 (Petrifilm) ^p	
E.coli	< LOQ	cfu/g	10	03/10/24	AOAC 991.14 (Petrifilm) ^p	
Total Coliforms	< LOQ	cfu/g	10	03/10/24	AOAC 991.14 (Petrifilm) ^p	
Enterobacteriaceae	< LOQ	cfu/g	10	03/09/24	AOAC 2003.01 ^p	
Mold (RAPID Petrifilm)	< LOQ	cfu/g	10	03/11/24	AOAC 2014.05 (RAPID) ^p	
Yeast (RAPID Petrifilm)	< LOQ	cfu/g	10	03/11/24	AOAC 2014.05 (RAPID) ^p	
Salmonella spp. by PCR	Negative	/5g		03/09/24	AOAC 2020.02 ^p 1	I

1) GENE-UP® Assay

Mitragynine

Kratom Quality & Safety Expanded

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
7-Hydroxymitragynine	< LOQ	mg/mL	0.100	03/11/24	In house method by HPLC-DAD ^p	
Isorhynchophylline	< LOQ	mg/mL	0.500	03/11/24	In house method by HPLC-DAD ^p	
Mitragynine	4.09	mg/mL	0.500	03/11/24	In house method by HPLC-DAD ^p	
Mitraphylline	< LOQ	mg/mL	0.500	03/11/24	In house method by HPLC-DAD ^p	