



Certificate of Analysis for

Mount Kratom
5314 16th Ave, 113
Brooklyn, NY 11204
Phone: (866) 572-8664

Received: 6/14/2024 @ 24.1 °C
Report ID: 2406585

Sample ID	Analyzed	Sample Description	Analysis	Result	Units	Method Code
2406585-001	6/19/2024	Extract	Arsenic (As)	< 0.020	mg/kg (ppm)	ICPMS.1
	6/19/2024		Cadmium (Cd)	< 0.020	mg/kg (ppm)	ICPMS.1
	6/19/2024		Lead (Pb)	0.041	mg/kg (ppm)	ICPMS.1
	6/19/2024		Mercury (Hg)	< 0.020	mg/kg (ppm)	ICPMS.1
	6/14/2024		7-Hydroxymitragynine	< 0.100	%	MIT.2
	6/14/2024		Isorhynchophylline	< 0.100	%	MIT.2
	6/14/2024		Mitragynine	38.1	%	MIT.2
	6/14/2024		Mitraphylline	< 0.100	%	MIT.2
	6/14/2024		Paynantheine	8.02	%	MIT.2
	6/14/2024		Speciociliatine	10.8	%	MIT.2
	6/14/2024		Speciogynine	5.58	%	MIT.2
	6/14/2024		Total Alkaloids	62.4	%	MIT.2
	6/17/2024		Salmonella spp.	Negative	/1 g	Salm.1
	6/17/2024		Shiga toxin-producing E. coli	Negative	/1 g	STEC.1
	6/17/2024		Aerobic Plate Count	< 100	CFU/g	ACR.1a
	6/17/2024		Total Coliform Bacteria	< 100	CFU/g	CCR.1a
	6/17/2024		Escherichia coli	< 100	CFU/g	ECR.1a
	6/17/2024		Staphylococcus aureus	< 100	CFU/g	STA.1a
	6/17/2024		Yeast and Mold	< 100	CFU/g	YM.1a

Reported By: _____

Riley M. Horner

Riley Horner, Microbiology Laboratory Manager, 6/20/2024

Methodology:

ACR.1a : AC by mass via AOAC 2015.13 (Petrifilm™) Prep: Quantitative Initial Dilution
ECR.1a : EC by mass via AOAC OM 2018.13 (Petrifilm™) Prep: Quantitative Initial Dilution
MIT.2 : Kratom Alkaloids via HPLC-DAD
STA.1a : S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Prep: Quantitative Initial Dilution
YM.1a : YM by mass via AOAC RI 121301 (Petrifilm™) Prep: Quantitative Initial Dilution

CCR.1a : CC by mass via AOAC OM 2018.13 (Petrifilm™) Prep: Quantitative Initial Dilution
ICPMS.1 : Metals via FDA - EAM:2008 (ICP/MS) Prep: Digestion, Microwave
Salm.1 : Salmonella via AOAC 081201, 2013.02 (BAX® PCR)
STEC.1 : E. coli (O157:H7, O26, O45, O103, O111, O121, O145) via AOAC 091301 (BAX® PCR, STEC Screen)