



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

Report Number: 22-012539/D002.R000
Report Date: 10/27/2022
Purchase Order:
Received: 10/17/22 10:23 AM



Customer: Sancho Group Inc
 1330 Specialty Dr
 Vista 92081
 United States of America (USA)

Sample ID: 2210-2A
Sample Matrix: Kratom powder
Laboratory ID: 22-012539-0002-00
Evidence of Cooling: No
Temp: 20.3 °C
Relinquished by: UPS

Sample Results

Metals

Kratom Quality & Safety

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Arsenic	0.348	mg/kg	0.0185	10/20/22	AOAC 2013.06 (mod.) ^{p1}	
Cadmium	0.0197	mg/kg	0.0185	10/20/22	AOAC 2013.06 (mod.) ^{p1}	
Lead	0.418	mg/kg	0.0185	10/20/22	AOAC 2013.06 (mod.) ^{p1}	
Mercury	0.0354	mg/kg	0.00924	10/20/22	AOAC 2013.06 (mod.) ^{p1}	
Nickel	2.01	mg/kg	0.0185	10/20/22	AOAC 2013.06 (mod.) ^{p1}	

1) trace metals in food by Inductively Coupled Mass Spectrometry

Microbiology

Kratom Quality & Safety

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
E.coli	< LOQ	cfu/g	100	10/21/22	AOAC 991.14 (Petrifilm) ^p	
Total Coliforms	100	cfu/g	100	10/21/22	AOAC 991.14 (Petrifilm) ^p	
Enterobacteriaceae	2,800	cfu/g	100	10/20/22	AOAC 2003.01 ^p	
Mold (RAPID Petrifilm)	11,000	cfu/g	1,000	10/22/22	AOAC 2014.05 (RAPID) ^p	
Yeast (RAPID Petrifilm)	200	cfu/g	100	10/22/22	AOAC 2014.05 (RAPID) ^p	
Salmonella spp. by PCR	Negative	/25g		10/20/22	AOAC 2020.02 ^{p2}	

2) GENE-UP® Assay

Mitragynine

Kratom Quality & Safety

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
7-Hydroxymitragynine	0.0246	%	0.0100	10/24/22	In house method by HPLC-DAD	
Mitragynine	1.38	%	0.0500	10/24/22	In house method by HPLC-DAD	