



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: 2210-6A

Sample Matrix: Kratom powder

Laboratory ID: 22-012539-0006-00

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	0.247	mg/kg	0.0184	10/20/22	AOAC 2013.06 (mod.) ^{p1}	
Cadmium	0.0266	mg/kg	0.0184	10/20/22	AOAC 2013.06 (mod.) ^{p1}	
Lead	0.448	mg/kg	0.0184	10/20/22	AOAC 2013.06 (mod.) ^{p1}	
Mercury	0.0182	mg/kg	0.00919	10/20/22	AOAC 2013.06 (mod.) ^{p1}	
Nickel	1.74	mg/kg	0.0184	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	400	cfu/g	100	10/21/22	AOAC 991.14 (Petrifilm) ^p	
Enterobacteriaceae	500	cfu/g	100	10/20/22	AOAC 2003.01 ^p	
Mold (RAPID Petrifilm)	4,000	cfu/g	1,000	10/22/22	AOAC 2014.05 (RAPID) ^p	
Yeast (RAPID Petrifilm)	< LOQ	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	0.0112	%	0.0100	10/21/22	In house method by HPLC-DAD	
Mitragynine	1.59	%	0.0500	10/21/22	In house method by HPLC-DAD	

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.