

Report Date: 11/23/2022
 Purchase Order:
 Received: 11/08/22 10:20 AM

Sample ID: O1933Y
 Sample Matrix: Kratom powder

Evidence of Cooling: No
 Temp: 17.2
 Relinquished by: ups

Sample Results

Metals

Heavy Metals Profile K

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Arsenic	0.233	mg/kg	0.0182	11/22/22	AOAC 2013.06 (mod.) ^{p1}	
Cadmium	0.0350	mg/kg	0.0182	11/17/22	AOAC 2013.06 (mod.) ^{p1}	
Lead	0.699	mg/kg	0.0182	11/17/22	AOAC 2013.06 (mod.) ^{p1}	
Mercury	0.0155	mg/kg	0.00912	11/17/22	AOAC 2013.06 (mod.) ^{p1}	
Nickel	2.32	mg/kg	0.0182	11/17/22	AOAC 2013.06 (mod.) ^{p1}	

1) trace metals in food by Inductively Coupled Mass Spectrometry

Mitragynine

Mitragynine + 7-Hydroxymitragynine (S3200)

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
7-Hydroxymitragynine	0.0141	%	0.0100	11/14/22	In house method by HPLC-DAD	
Mitragynine	1.44	%	0.0500	11/14/22	In house method by HPLC-DAD	