



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



Report Number: 23-008647/D003.R000
Report Date: 12/15/2023
Purchase Order:
Received: 12/11/23 10:23 AM
Project Name: TUcon

Customer: HR Supplies, LLC
4420 N Orange Blossom Trail
Orlando Florida 32804
United States of America (USA)

Sample ID: F&B QC
Sample Matrix: Kratom Liquid
Laboratory ID: 23-008647-0001-00
Evidence of Cooling: No
Temp: 24.5 °C
Relinquished by: Shipping

Sample Results

Metals

Kratom Quality & Safety, Basic

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Lead	< LOQ	mg/kg	0.0390	12/14/23	AOAC 2013.06 (mod.) ^b ₁	

1) trace metals in food by Inductively Coupled Mass Spectrometry

Microbiology

Kratom Quality & Safety, Basic

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
E.coli	< LOQ	cfu/g	10	12/13/23	AOAC 991.14 (Petrifilm) ^b	
Total Coliforms	< LOQ	cfu/g	10	12/13/23	AOAC 991.14 (Petrifilm) ^b	
Salmonella spp. by PCR	Negative	/25g		12/12/23	AOAC 2020.02 ^b ₂	

2) GENE-UP® Assay

Mitragynine

Kratom Quality & Safety, Basic

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Mitragynine	10.73	mg/mL	0.500	12/14/23	In house method by HPLC-DAD ^b	

Abbreviations

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

^b = ISO/IEC 17025:2017 accredited method.



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Units of Measure

/25g = Per 25g

cfu/g = Colony forming units per gram

mg/kg = Milligram per kilogram = parts per million (ppm)

mg/mL = Milligram per Milliliter

Approved Signatory

Derrick Tanner
General Manager