



Customer: Grassroots Harvest
321 W. Ben White Blvd Ste 103
Austin Texas 78704
United States

Sample ID: Joy
Sample Matrix: Kratom powder
Laboratory ID: 19-010199-0002
Evidence of Cooling: No
Temp: 25 °C

Sample Results

Microbiology

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Salmonella spp.	Negative	/25g		08/28/19	AOAC 2016.01 1	

1) 3M Molecular Detection of Salmonella

Mitragynine

Mitragynine + 7-Hydroxymitragynine (Basic Plus)

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
7-Hydroxymitragynine†	0.0448	%	0.0100	09/03/19	Japanese Association of Forensic Toxicology (2009) 27:67-74	
Mitragynine†	1.69	%	0.250	09/03/19	Japanese Association of Forensic Toxicology (2009) 27:67-74	

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.

† = Analyte not ISO accredited.

Units of Measure

/25g = Per 25g

% = Percentage of sample

Approved Signatory



Derrick Tanner
General Manager



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Sample Results

Microbiology

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Listeria monocytogenes	Negative	/25g		08/28/19	AOAC 2016.08 1	
E.coli O157:H7	Negative	/25g		08/28/19	AOAC 2017.01 2	

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- 1) 3M Molecular Detection of Listeria monocytogenes
 - 2) 3M Molecular Detection of E.coli O157

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.

Units of Measure

/25g = Per 25g

Approved Signatory



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