



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

Report Number: 20-009051/D02.R00
Report Date: 09/01/2020
Purchase Order:
Received: 08/25/20 11:25 AM



Customer: Botanaway Inc.
 3420 Pump Rd. #207
 Richmond Virginia 23233
 United States

Sample ID: V2-233-20
Sample Matrix: Kratom Liquid
Laboratory ID: 20-009051-0001
Evidence of Cooling: No
Temp: 19 °C

Sample Results

Microbiology

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Salmonella spp.	Negative	/25g		08/28/20	AOAC 2016.01 ₁	

E. coli/Coliform Count (EC) Plate

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
E.coli	< LOQ	cfu/g	10	08/29/20	AOAC 991.14 (Petrifilm)	
Total Coliforms	< LOQ	cfu/g	10	08/29/20	AOAC 991.14 (Petrifilm)	

Yeast and Mold

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Mold (RAPID Petrifilm)	< LOQ	cfu/g	10	08/29/20	AOAC 2014.05 (RAPID)	
Yeast (RAPID Petrifilm)	< LOQ	cfu/g	10	08/29/20	AOAC 2014.05 (RAPID)	

1) 3M Molecular Detection of Salmonella

Mitragynine

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Mitragynine [†]	5.69	mg/ml	0.500	08/28/20	Japanese Association of Forensic Toxicology (2009) 27:67-74	



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

Report Number: 20-009051/D02.R00
Report Date: 09/01/2020
Purchase Order:
Received: 08/25/20 11:25 AM



Customer: Botanaway Inc.
 3420 Pump Rd. #207
 Richmond Virginia 23233
 United States

Sample ID: V3-231-20
Sample Matrix: Kratom Liquid
Laboratory ID: 20-009051-0002
Evidence of Cooling: No
Temp: 19 °C

Sample Results

Microbiology

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Salmonella spp.	Negative	/25g		08/28/20	AOAC 2016.01 ₁	

E. coli/Coliform Count (EC) Plate

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
E.coli	< LOQ	cfu/g	10	08/29/20	AOAC 991.14 (Petrifilm)	
Total Coliforms	< LOQ	cfu/g	10	08/29/20	AOAC 991.14 (Petrifilm)	

Yeast and Mold

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Mold (RAPID Petrifilm)	< LOQ	cfu/g	10	08/29/20	AOAC 2014.05 (RAPID)	
Yeast (RAPID Petrifilm)	100	cfu/g	10	08/29/20	AOAC 2014.05 (RAPID)	

1) 3M Molecular Detection of Salmonella

Mitragynine

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Mitragynine [†]	9.15	mg/ml	0.500	08/28/20	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

cfu/g = Colony forming units per gram

mg/ml = Milligram per milliliter