



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

Report Number: 20-009774/D02.R00
Report Date: 09/23/2020
Purchase Order:
Received: 09/14/20 10:30 AM



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

Sample ID: V2-237-20
Sample Matrix: Kratom Liquid
Laboratory ID: 20-009774-0001
Evidence of Cooling: No
Temp: 21 °C

Sample Results

Microbiology

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Salmonella spp.	Negative	/25g		09/17/20	AOAC 2016.01 ₁	

E. coli/Coliform Count (EC) Plate

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
E.coli	< LOQ	cfu/g	10	09/17/20	AOAC 991.14 (Petrifilm)	
Total Coliforms	< LOQ	cfu/g	10	09/17/20	AOAC 991.14 (Petrifilm)	

Yeast and Mold

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Mold (RAPID Petrifilm)	< LOQ	cfu/g	10	09/17/20	AOAC 2014.05 (RAPID)	
Yeast (RAPID Petrifilm)	< LOQ	cfu/g	10	09/17/20	AOAC 2014.05 (RAPID)	

1) 3M Molecular Detection of Salmonella

Mitragynine

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Mitragynine [†]	6.39	mg/ml	0.500	09/23/20	Japanese Association of Forensic Toxicology (2009) 27:67-74	



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

Report Number: 20-009774/D02.R00
Report Date: 09/23/2020
Purchase Order:
Received: 09/14/20 10:30 AM



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

Sample ID: V2-244-20
Sample Matrix: Kratom Liquid
Laboratory ID: 20-009774-0002
Evidence of Cooling: No
Temp: 21 °C

Sample Results

Microbiology

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Salmonella spp.	Negative	/15g		09/17/20	AOAC 2016.01 ₁	I

E. coli/Coliform Count (EC) Plate

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
E.coli	< LOQ	cfu/g	10	09/17/20	AOAC 991.14 (Petrifilm)	
Total Coliforms	10	cfu/g	10	09/17/20	AOAC 991.14 (Petrifilm)	

Yeast and Mold

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Mold (RAPID Petrifilm)	< LOQ	cfu/g	10	09/17/20	AOAC 2014.05 (RAPID)	
Yeast (RAPID Petrifilm)	< LOQ	cfu/g	10	09/17/20	AOAC 2014.05 (RAPID)	

1) 3M Molecular Detection of Salmonella

Mitragynine

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Mitragynine [†]	6.30	mg/ml	0.500	09/23/20	Japanese Association of Forensic Toxicology (2009) 27:67-74	



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

Report Number: 20-009774/D02.R00
Report Date: 09/23/2020
Purchase Order:
Received: 09/14/20 10:30 AM



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

Sample ID: V3-252-20
Sample Matrix: Kratom Liquid
Laboratory ID: 20-009774-0003
Evidence of Cooling: No
Temp: 21 °C

Sample Results

Microbiology

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Salmonella spp.	Negative	/15g		09/17/20	AOAC 2016.01 ₁	I

E. coli/Coliform Count (EC) Plate

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
E.coli	< LOQ	cfu/g	10	09/17/20	AOAC 991.14 (Petrifilm)	
Total Coliforms	< LOQ	cfu/g	10	09/17/20	AOAC 991.14 (Petrifilm)	

Yeast and Mold

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Mold (RAPID Petrifilm)	< LOQ	cfu/g	10	09/17/20	AOAC 2014.05 (RAPID)	
Yeast (RAPID Petrifilm)	88,000	cfu/g	1,000	09/17/20	AOAC 2014.05 (RAPID)	

1) 3M Molecular Detection of Salmonella

Mitragynine

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Mitragynine [†]	9.25	mg/ml	0.500	09/23/20	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.

Glossary of Qualifiers

I: Insufficient sample received to meet method requirements.

[†] = Analyte not ISO accredited.

Units of Measure

/15g = Per 15g

/25g = Per 25g

cfu/g = Colony forming units per gram

mg/ml = Milligram per milliliter

