



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 <sub>1</sub>	

#### 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 <sup>†</sup>	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.

<sup>†</sup> = Analyte not ISO accredited.

#### Units of Measure

/25g = Per 25g

cfu/g = Colony forming units per gram

mg/ml = Milligram per milliliter