



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



**Report Number:** 21-005698/D003.R00  
**Report Date:** 07/02/2021  
**Purchase Order:** 87567  
**Received:** 05/24/21 10:50 AM

**Project Number:** 0001  
**Project Name:** Kratom Water Sol

**Customer:** Triumph Kratom  
 2403 Southwest Blvd  
 Kansas City Missouri 64108  
 United States of America (USA)

**Sample ID:** Kratom Water Soluble Concentrate  
**Sample Matrix:** Kratom Liquid  
**Laboratory ID:** 21-005698-0001-00  
**Evidence of Cooling:** No  
**Temp:** 20 °C  
**Relinquished by:** USP

### Sample Results

Mitragnine						
Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Isorhynchophylline	< LOQ	mg/ml	0.500	06/29/21	In house method by HPLC-DAD	
Mitraphylline	< LOQ	mg/ml	0.500	06/29/21	In house method by HPLC-DAD	
Paynantheine	0.814	mg/ml	0.500	06/29/21	In house method by HPLC-DAD	
Speciociliatine	< LOQ	mg/ml	0.500	06/29/21	In house method by HPLC-DAD	
Speciogynine	< LOQ	mg/ml	0.500	06/29/21	In house method by HPLC-DAD	
Mitragnine + 7-Hydroxymitragnine (Basic Plus)(S3200)						
Analyte	Result	Units	LOQ	Analyzed	Method	Notes
7-Hydroxymitragnine <sup>†</sup>	< LOQ	mg/ml	1.00	05/25/21	In house method by HPLC-DAD	
Mitragnine <sup>†</sup>	9.71	mg/ml	0.500	05/25/21	In house method by HPLC-DAD	

#### 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

mg/ml = Milligram per milliliter

Approved Signatory

Derrick Tanner  
 General Manager