

Certificate of Analysis

Sample Name: Blue Razz (BL)
Client: Tea Time
Sample Code: DTS-250926-028
Matrix Name: Beverage
Type / Result: Quality Assurance - Pass



Received Date: Tue, Sep 30, 2025
Published Date: Mon, Oct 6, 2025
Batch/Lot Code: N/A
Batch Size: N/A
Sample Size: 1U
Average Unit Weight: 346.39g

RESULT SUMMARY	
Mitragynine	40.71 mg /serv
Total Major Alkaloids	40.71 mg /serv

ALKU Kratom Alkaloids High Level	ALKL Kratom Alkaloids Low Level	ECOLI Total Coliforms & E. coli Plate	MOS Moisture Content Loss on Drying	TAMC Total Aerobic Bacteria Plate
SS Salmonella & STEC qPCR	SAUR Staphylococcus aureus Plate	TYMFD Total Yeast & Mold Plate	HPMET Heavy Metals Expanded 7	

Approvals					
RESULTS REVIEWED BY:			RESULTS CERTIFIED BY:		
	Leslie Varela Laboratory Director	Cambium Analytica Monday, Oct 6, 2025		Douglas Smith VP - Scientific Operations	Cambium Analytica Monday, Oct 6, 2025
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Lab Information		
Address: 1230 Woodmere Ave, Traverse City, MI 49686	Phone: 231.252.3669	Accreditation: ISO/IEC 17025:2017 – #108157



ALKU Kratom Alkaloids - High Level LAB-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD ALKU-DTS-250926-028-01 - WED, OCT 8, 2025								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	0.0118 %	0.1175 mg/g	40.71 mg	40.71 mg	N/A	0.3 ug/g	0.5 ug/g	N / A
Paynantheine	ND	N/A	N/A	N/A	N/A	0.3 ug/g	0.5 ug/g	N / A
Speciociliatine	ND	N/A	N/A	N/A	N/A	0.3 ug/g	0.5 ug/g	N / A
Speciogynine	ND	N/A	N/A	N/A	N/A	0.3 ug/g	0.5 ug/g	N / A
Total Major Alkaloids*	0.0118 %	0.1175 mg/g	40.71 mg	40.71 mg	N/A	N/A	N/A	N / A

*Total Major Alkaloids is calculated as the sum of Mitragynine, Paynantheine, Speciociliatine and Speciogynine.

ALKL Kratom Alkaloids - Low Level LAB-TM-047 - Determination of Kratom Alkaloid Content by LC-TQ ALKL-DTS-250926-028-01 - WED, OCT 8, 2025								
Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00000 %	0.00004 mg/g	0.02 mg	0.02 mg	N/A	0.002 ug/g	0.011 ug/g	N / A
Mitraphylline	ND	N/A	N/A	N/A	N/A	0.004 ug/g	0.019 ug/g	N / A
Total Minor Alkaloids*	0.00000 %	0.00004 mg/g	0.02 mg	0.02 mg	N/A	N/A	N/A	N / A

*Total Minor Alkaloids is calculated as the sum of 7-Hydroxymitragynine and Mitraphylline.

ECOLI

Total Coliforms & E. coli - Plate - 25g - Full Range

LAB-TM-059 - Enumeration of Escherichia coli and Total Coliform in Foods and Dietary Supplements

ECOLI-DTS-250926-028-01 - WED, OCT 8, 2025



Analyte	Value	Action Limit	LOD	LOQ	Status
E. coli	ND	N/A	10 CFU/g	10 CFU/g	N / A
Total Coliforms	ND	N/A	10 CFU/g	10 CFU/g	N / A

MOS Moisture Content - Loss on Drying LAB-TM-008 - Loss on Drying MOS-DTS-250926-028-01 - WED, OCT 8, 2025						
Analyte	Value	Action Limit	LOD	LOQ	Status	
Moisture	99.58 %	N/A	N/A	N/A	N/A	

TAMC Total Aerobic Bacteria - Plate - 25g - Full Range LAB-TM-060 - Enumeration of Total Aerobic Count in Foods and Dietary Supplements TAMC-DTS-250926-028-01 - WED, OCT 8, 2025						
Analyte	Value	Action Limit	LOD	LOQ	Status	
Total Aerobic Count	20 CFU/g	N/A	10 CFU/g	10 CFU/g	N / A	



SS

Salmonella & STEC - qPCR
LAB-TM-006 - Microbial Analysis by qPCR
SS-DTS-250926-028-01 - WED, OCT 8, 2025



Analyte	Value	Action Limit	LOD	LOQ	Status
Salmonella spp.	ND	N/A	N/A	N/A	N / A
Shiga Toxin Producing E. coli	ND	N/A	N/A	N/A	N / A

SAUR

Staphylococcus aureus - Plate - 25g
LAB-TM-062 - Enumeration of Staphylococcus aureus in Foods and Dietary Supplements
SAUR-DTS-250926-028-01 - WED, OCT 8, 2025



Analyte	Value	Action Limit	LOD	LOQ	Status
S. aureus	ND	N/A	10 CFU/g	10 CFU/g	N / A

TYMFD

Total Yeast & Mold - Plate - 25g - Full Range
LAB-TM-061 - Enumeration of Yeast and Mold in Foods and Dietary Supplements
TYMFD-DTS-250926-028-01 - WED, OCT 8, 2025



Analyte	Value	Action Limit	LOD	LOQ	Status
Total Mold	ND	N/A	10 CFU/g	10 CFU/g	N / A
Total Yeast	ND	N/A	10 CFU/g	10 CFU/g	N / A
Total Yeast and Mold*	ND	N/A	10 CFU/g	10 CFU/g	N / A

*Total Yeast and Mold is calculated as the sum of Total Yeast and Total Mold

HPMET

Heavy Metals - Expanded 7
LAB-TM-044 - Determination of Heavy Metals by ICP-MS
HPMET-DTS-250926-028-01 - WED, OCT 8, 2025



Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Arsenic	ND	N/A	N/A	N/A	N/A	0.509 ug/kg	2.062 ug/kg	N / A
Cadmium	ND	N/A	N/A	N/A	N/A	0.256 ug/kg	0.509 ug/kg	N / A
Chromium	ND	N/A	N/A	N/A	N/A	0.259 ug/kg	0.509 ug/kg	N / A
Copper	0.001 ug/g	0.000 mg/g	0.39 ug	0.39 ug	N/A	0.255 ug/kg	1.015 ug/kg	N / A
Lead	<LOQ	N/A	N/A	N/A	N/A	0.255 ug/kg	0.515 ug/kg	N / A
Mercury	<LOQ	N/A	N/A	N/A	N/A	0.025 ug/kg	0.057 ug/kg	N / A
Nickel	0.002 ug/g	0.000 mg/g	0.70 ug	0.70 ug	N/A	0.251 ug/kg	0.509 ug/kg	N / A

