

Certificate of Analysis



Sample Name: RIZE-Island Time-Bitchin Berr
Client: Kratom Vibes
Sample Code: DTS-251020-041
Matrix Name: Beverage
Type / Result: N/A - Pass



Received Date: Tue, Oct 21, 2025
Published Date: Tue, Oct 28, 2025
Batch/Lot Code: N/A
Batch Size: N/A
Sample Size: 1U
Average Unit Weight: 62.184g (Density (g/mL) x 60mL package. 4 servings/package.)

RESULT SUMMARY

Mitragynine	17.49 mg /serv
Total Major Alkaloids	20.67 mg /serv

ALKU
Kratom Alkaloids
High Level

ALKL
Kratom Alkaloids
Low Level

DEN
Density of Liquids

Approvals

RESULTS REVIEWED BY:

Leslie Varela
Laboratory Director

Cambium Analytica
Tuesday, Oct 28, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations

Cambium Analytica
Tuesday, Oct 28, 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 LevelLAB-TM-052 - Determination of Kratom Alkaloid Content by UPLC-DAD
ALKU-DTS-251020-041-02 - FRI, OCT 24, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Mitragynine	0.1125 %	1.1248 mg/g	17.49 mg	69.95 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Paynantheine	0.0135 %	0.1346 mg/g	2.09 mg	8.37 mg	N/A	0.3 ug/g	0.5 ug/g	N/A
Speciognine	0.0070 %	0.0703 mg/g	1.09 mg	4.37 mg	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
Total Major Alkaloids*	0.1330 %	1.3298 mg/g	20.67 mg	82.69 mg	N/A	N/A	N/A	N/A

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

ALKL

Kratom Alkaloids - Low LevelLAB-TM-047 - Determination of Kratom Alkaloid Content by LC-TQ
ALKL-DTS-251020-041-01 - TUE, OCT 28, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
7-Hydroxymitragynine	0.00138 %	0.01378 mg/g	0.21 mg	0.86 mg	N/A	0.002 ug/g	0.011 ug/g	N/A
Mitraphylline	<LOQ	N/A	N/A	N/A	N/A	0.004 ug/g	0.019 ug/g	N/A
Total Minor Alkaloids*	0.00138 %	0.01378 mg/g	0.21 mg	0.86 mg	N/A	N/A	N/A	N/A

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

DEN

Density of LiquidsLAB-TM-017 - Brix & Density Analysis
DEN-DTS-251020-041-01 - WED, OCT 22, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Density	1.0364 g/mL	N/A	N/A	N/A	N/A
Specific Gravity*	1.0383	N/A	N/A	N/A	N/A

*Specific gravity is calculated using the density of water at 20 °C (0.9982 g/mL) using the equation:
[Specific Gravity = (Density of sample in g/mL) ÷ 0.9982 g/mL]

-041 & -042 tested from same aliquot

