

Certificate of Analysis

Sample Name: Mitra 9 Lemonade Kava Seltzer
Client: Mitra9-QTC
Sample Code: DTS-251001-078
Matrix Name: Beverage
Type / Result: N/A - Pass



Received Date: Wed, Oct 8, 2025
Published Date: Tue, Oct 14, 2025
Batch/Lot Code: 10310012025QUA
Batch Size: 365g
Sample Size: 365g
Average Unit Weight: 356.05g


RESULT SUMMARY

Total Kavalactones and Kavains	113.62 mg /serv
Total Kavalactones	110.56 mg /serv
Total Flavokavains	3.05 mg /serv


KAVAL Kavalactones & Kavains ✓	TAMC Total Aerobic Bacteria Plate ✓	BRX Brix of Liquids ✓	COOX Dissolved CO2 & O2 Liquids ✓	PH pH ✓
HVMET Heavy Metals Big 4 ✓	TYMFD Total Yeast & Mold Plate ✓	PAKLI Lot / Batch Code Verification ✓	PAKVI Package Integrity Verification ✓	

Approvals

RESULTS REVIEWED BY:

 **Leslie Varela**
Laboratory Director
Cambium Analytica
Tuesday, Oct 14, 2025

RESULTS CERTIFIED BY:

 **Douglas Smith**
VP - Scientific
Operations
Cambium Analytica
Tuesday, Oct 14, 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



KAVAL

Kavalactones & KavainsLAB-TM-067 - Determination of Kavalactones & Kavains by LC-DAD
KAVAL-DTS-251001-078-01 - TUE, OCT 14, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Dihydrokavain	0.0116 %	0.1162 mg/g	41.38 mg	41.38 mg	N/A	0.25 ug/g	1 ug/g	N/A
Kavain	0.0064 %	0.0645 mg/g	22.95 mg	22.95 mg	N/A	0.25 ug/g	1 ug/g	N/A
Dihydromethysticin	0.0052 %	0.0525 mg/g	18.68 mg	18.68 mg	N/A	0.25 ug/g	1 ug/g	N/A
Methysticin	0.0033 %	0.0333 mg/g	11.86 mg	11.86 mg	N/A	0.25 ug/g	1 ug/g	N/A
Yangonin	0.0025 %	0.0250 mg/g	8.89 mg	8.89 mg	N/A	0.25 ug/g	1 ug/g	N/A
Desmethoxyyangonin	0.0019 %	0.0191 mg/g	6.80 mg	6.80 mg	N/A	0.25 ug/g	1 ug/g	N/A
Flavokavain B	0.0005 %	0.0054 mg/g	1.93 mg	1.93 mg	N/A	0.025 ug/g	0.1 ug/g	N/A
Flavokavain A	0.0003 %	0.0032 mg/g	1.13 mg	1.13 mg	N/A	0.025 ug/g	0.1 ug/g	N/A
Total Kavalactones and Kavains*	0.0319 %	0.3191 mg/g	113.62 mg	113.62 mg	N/A	N/A	N/A	N/A
Total Kavalactones*	0.0311 %	0.3105 mg/g	110.56 mg	110.56 mg	N/A	N/A	N/A	N/A
Total Flavokavains*	0.0009 %	0.0086 mg/g	3.05 mg	3.05 mg	N/A	N/A	N/A	N/A

*Total Kavalactones and Kavains is calculated as the sum of all quantified kavalactones and kavains.

*Total Kavalactones is calculated as the sum of all quantified kavalactones.

*Total Flavokavains is calculated as the sum of Flavokavain A, Flavokavain B and Flavokavain C.

TAMC

Total Aerobic Bacteria - Plate - 25g - Full RangeLAB-TM-060 - Enumeration of Total Aerobic Count in Foods and Dietary Supplements
TAMC-DTS-251001-078-01 - FRI, OCT 10, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Total Aerobic Count	ND	10000 CFU/g	10 CFU/g	10 CFU/g	PASS

BRX

Brix of LiquidsLAB-TM-017 - Brix & Density Analysis
BRX-DTS-251001-078-01 - FRI, OCT 10, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Brix	1.3 bx	N/A	N/A	N/A	N/A

COOX

Dissolved CO2 & O2 - LiquidsLAB-TM-020 - Determination of Carbon Dioxide and Dissolved Oxygen in Beverages
COOX-DTS-251001-078-01 - FRI, OCT 10, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Dissolved Carbon Dioxide	2.65 vol	2.45 - 2.8 vol	N/A	N/A	PASS
Dissolved Oxygen	309.5 ug/kg	N/A	N/A	N/A	N/A



PH

pH
 LAB-TM-018 - Determination of pH
 PH-DTS-251001-078-01 - THU, OCT 9, 2025



Analyte	Value	Action Limit	LOD	LOQ	Status
pH	2.887	N/A	N/A	N/A	N/A

HVMET

Heavy Metals - Big 4
 LAB-TM-044 - Determination of Heavy Metals by ICP-MS
 HVMET-DTS-251001-078-01 - FRI, OCT 10, 2025



Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Arsenic	ND	N/A	N/A	N/A	10 ug/serv	0.509 ug/kg	2.062 ug/kg	PASS
Cadmium	ND	N/A	N/A	N/A	4.1 ug/serv	0.256 ug/kg	0.509 ug/kg	PASS
Lead	ND	N/A	N/A	N/A	0.5 ug/serv	0.255 ug/kg	0.515 ug/kg	PASS
Mercury	<LOQ	N/A	N/A	N/A	0.3 ug/serv	0.025 ug/kg	0.057 ug/kg	PASS

TYMFD

Total Yeast & Mold - Plate - 25g - Full Range
 LAB-TM-061 - Enumeration of Yeast and Mold in Foods and Dietary Supplements
 TYMFD-DTS-251001-078-01 - MON, OCT 13, 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	1000 CFU/g	10 CFU/g	10 CFU/g	PASS

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

PAKLI

Lot / Batch Code - Verification
 LAB-TM-118 - Lot Batch Code Verification
 PAKLI-DTS-251001-078-01 - FRI, OCT 10, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Lot/Batch Code Verification	Conforming	N/A	N/A	N/A	N/A

PAKVI

Package Integrity - Verification
 LAB-TM-117 - Package Integrity Verification
 PAKVI-DTS-251001-078-01 - FRI, OCT 10, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Child Resistant Mechanism	Conforming	N/A	N/A	N/A	N/A
Discoloration	Conforming	N/A	N/A	N/A	N/A
Label Legibility	Conforming	N/A	N/A	N/A	N/A
Label Placement	Conforming	N/A	N/A	N/A	N/A
Dents & Dings	Conforming	N/A	N/A	N/A	N/A
Seams and Tabs	Conforming	N/A	N/A	N/A	N/A
Wrinkles & Pleats	Conforming	N/A	N/A	N/A	N/A

