

Certificate of Analysis

Sample Name: Mitra9 - Kava Seltzer Orange Dreamsicle - Stability | T = 0 Baseline
Client: Mitra9
Sample Code: DTS-260204-001
Matrix Name: Beverage
Type / Result: Quality Assurance - Pass



Received Date: Wed, Feb 04, 2026
Published Date: Mon, Feb 09, 2026
Batch/Lot Code: 2025_108_10401072026QUA / STA-MT9-260203-001
Batch Size: N/A
Sample Size: 3 U
Average Unit Weight: 355.3 g

RESULT SUMMARY

Total Kavalactones and Kavains	133.93 mg/serv
Total Kavalactones	129.55 mg/serv
Total Flavokavains	4.38 mg/serv

KAVAL Kavalactones & Kavains ✓	SAL Salmonella spp. qPCR ✓	CLR Color Analysis ✓	ECOLI Total Coliforms & E. coli Plate ✓	TAMC Total Aerobic Bacteria Plate ✓
BRX Brix of Liquids ✓	DEN Density of Liquids ✓	PH pH ✓	SAUR Staphylococcus aureus Plate ✓	GLUTE Gluten ELISA ✓
TYMFD Total Yeast & Mold Plate ✓				

Approvals

RESULTS REVIEWED BY:

Leslie Varela
Laboratory Director

Cambium Analytica
Mon, Feb 09, 2026

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific
Operations

Cambium Analytica
Mon, Feb 09, 2026

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Notes

Pull Conditions: NA Baseline

KAVAL

Kavalactones & KavainsLAB-TM-067 - Determination of Kavalactones & Kavains by LC-DAD
KAVAL-DTS-260204-001-01 - THU, FEB 05, 2026

Analyte	Value	Value (mg)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Dihydrokavain	0.0119 %	0.1192 mg/g	42.34 mg	42.34 mg	N/A	0.25 ug/g	1 ug/g	N/A
Dihydromethysticin	0.008 %	0.0804 mg/g	28.56 mg	28.56 mg	N/A	0.25 ug/g	1 ug/g	N/A
Kavain	0.0061 %	0.0607 mg/g	21.58 mg	21.58 mg	N/A	0.25 ug/g	1 ug/g	N/A
Methysticin	0.0048 %	0.0478 mg/g	16.98 mg	16.98 mg	N/A	0.25 ug/g	1 ug/g	N/A
Yangonin	0.0031 %	0.0309 mg/g	10.98 mg	10.98 mg	N/A	0.25 ug/g	1 ug/g	N/A
Desmethoxyyangonin	0.0026 %	0.0256 mg/g	9.11 mg	9.11 mg	N/A	0.25 ug/g	1 ug/g	N/A
Flavokavain B	0.0009 %	0.0088 mg/g	3.13 mg	3.13 mg	N/A	0.025 ug/g	0.1 ug/g	N/A
Flavokavain A	0.0004 %	0.0035 mg/g	1.24 mg	1.24 mg	N/A	0.025 ug/g	0.1 ug/g	N/A
Flavokavain C*	N/A	N/A	N/A	N/A	N/A	0.025 ug/g	0.1 ug/g	N/A
Total Kavalactones and Kavains*	0.0377 %	0.377 mg/g	133.93 mg	133.93 mg	N/A	N/A	N/A	N/A
Total Kavalactones*	0.0365 %	0.3646 mg/g	129.55 mg	129.55 mg	N/A	N/A	N/A	N/A
Total Flavokavains*	0.0012 %	0.0123 mg/g	4.38 mg	4.38 mg	N/A	N/A	N/A	N/A

* Flavokavain C testing will be added to our ISO/IEC 17025:2017 scope in December 2025.

* 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.

Results uploaded from batch release sample DTS-260113-029.

SAL

Salmonella spp. - qPCR - 25gLAB-TM-063 - Detection of Presumptive Salmonella spp. in Foods and Dietary Supplements
SAL-DTS-260204-001-01 - FRI, FEB 06, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Salmonella spp.	ND	N/A	N/A	N/A	N/A

References: USP <62> - Vendor Modified, USP <2022> - Vendor Modified, USP <1223>, AOAC PTM 121802, AOAC OMA 2020.02

CLR

Color Analysis

LAB-TM-016 - Visual Changes

CLR-DTS-260204-001-01 - THU, FEB 05, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Lightness (L)	35.57	N/A	N/A	N/A	N/A
Red/Green (A)	0.28	N/A	N/A	N/A	N/A
Blue/Yellow (B)	7.42	N/A	N/A	N/A	N/A

ECOLI

Total Coliforms & E. coli - Plate - 25g - Full RangeLAB-TM-059 - Enumeration of Escherichia coli and Total Coliform in Foods and Dietary Supplements
ECOLI-DTS-260204-001-01 - FRI, FEB 06, 2026

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

References: USP <61> - Vendor Modified, USP <2021> - Vendor Modified, USP <1223>, AOAC PTM 051801, AOAC OMA 2018.13

TAMC

Total Aerobic Bacteria - Plate - 25g - Full RangeLAB-TM-060 - Enumeration of Total Aerobic Count in Foods and Dietary Supplements
TAMC-DTS-260204-001-01 - THU, FEB 05, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Total Aerobic Count	ND	10000 CFU/g	1 CFU/g	1 CFU/g	Pass

References: USP <61> - Vendor Modified, USP <1223>, AOAC PTM 121403, AOAC OMA 2015.13

Results uploaded from batch release sample DTS-260113-029.

BRX

Brix of Liquids

LAB-TM-017 - Brix & Density Analysis

BRX-DTS-260204-001-01 - THU, FEB 05, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Brix	1 bx	N/A	N/A	N/A	N/A

Results uploaded from batch release sample DTS-260113-029.

DEN

Density of Liquids

LAB-TM-017 - Brix & Density Analysis

DEN-DTS-260204-001-01 - THU, FEB 05, 2026



Analyte	Value	Action Limit	LOD	LOQ	Status
Density	1.0014 g/mL	N/A	N/A	N/A	N/A
Specific Gravity*	1.0032	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]

PH

pH

LAB-TM-018 - Determination of pH

PH-DTS-260204-001-01 - THU, FEB 05, 2026



Analyte	Value	Action Limit	LOD	LOQ	Status
pH	2.965	N/A	N/A	N/A	N/A

Results uploaded from batch release sample DTS-260113-029.

SAUR

Staphylococcus aureus - Plate - 25g

LAB-TM-062 - Enumeration of Staphylococcus aureus in Foods and Dietary Supplements

SAUR-DTS-260204-001-01 - FRI, FEB 06, 2026



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

References: USP <61> - Vendor Modified, USP <2021> - Vendor Modified, USP <1223>, AOAC OMA 2003.07

GLUTE

Gluten - ELISA

LAB-TM-075 - Quantification of Gluten in Raw and Processed Foods by ELISA

GLUTE-DTS-260204-001-01 - THU, FEB 05, 2026



Analyte	Value	Action Limit	LOD	LOQ	Status
Gluten	ND	N/A	1.25 ug/g	2.5 ug/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-260204-001-01 - THU, FEB 05, 2026



Analyte	Value	Action Limit	LOD	LOQ	Status
Total Mold	ND	N/A	1 CFU/g	1 CFU/g	N/A
Total Yeast	ND	N/A	1 CFU/g	1 CFU/g	N/A
Total Yeast and Mold*	ND	1000 CFU/g	1 CFU/g	1 CFU/g	Pass

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

References: USP <61> - Vendor Modified, USP <1223>, AOAC PTM 121301, AOAC OMA 2014.05

Results uploaded from batch release sample DTS-260113-029.