Certificate of Analysis

Sample Name: Mitra 9 Orange Dreamsicle Kava
Client: Mitra9-QTC
Sample Code: DTS-260806-046
Matrix Name: Beverage & Liquid - Beverage
Type / Result: Batch Release - Pass

cambium analytica
an NSF company



Received Date:	Fri, Aug 7, 2026
Published Date:	Thu, Aug 13, 2026
Batch/Lot Code:	10408052026QUA
Batch Size:	N/A
Sample Size:	6U
Average Unit Weight:	355g

RESULT SUMMARY

Total Kavalactones and Kavains	77.63 mg /serv
Total Kavalactones	74.14 mg /serv
Total Flavokavains	3.49 mg /serv

KAVAL ✓ Kavalactones & Kavains	TAMC ✓ Total Aerobic Bacteria Plate	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	BRXRX ✓ Brix of Liquids Refractometer	

Approvals

RESULTS REVIEWED BY:

Leslie Nagy
Laboratory Director
Cambium Analytica
Thursday, Aug 13, 2026

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations
Cambium Analytica
Thursday, Aug 13, 2026

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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 & Kavains

LAB-TM-067 - Determination of Kavalactones & Kavains by LC-DAD
KAVAL-DTS-260806-046-01 - TUE, AUG 11, 2026

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Dihydrokavain	0.0073 %	0.0729 mg/g	25.89 mg	25.89 mg	N/A	0.0010 mg/g	0.0020 mg/g	N/A
Kavain	0.0063 %	0.0629 mg/g	22.32 mg	22.32 mg	N/A	0.0010 mg/g	0.0020 mg/g	N/A
Dihydromethysticin	0.0029 %	0.0288 mg/g	10.23 mg	10.23 mg	N/A	0.0010 mg/g	0.0020 mg/g	N/A
Desmethoxyyangonin	0.0020 %	0.0200 mg/g	7.11 mg	7.11 mg	N/A	0.0010 mg/g	0.0020 mg/g	N/A
Methysticin	0.0015 %	0.0148 mg/g	5.27 mg	5.27 mg	N/A	0.0010 mg/g	0.0020 mg/g	N/A
Yangonin	0.0009 %	0.0093 mg/g	3.31 mg	3.31 mg	N/A	0.0010 mg/g	0.0020 mg/g	N/A
Flavokavain B	0.0007 %	0.0068 mg/g	2.40 mg	2.40 mg	N/A	0.0001 mg/g	0.0002 mg/g	N/A
Flavokavain A	0.0003 %	0.0031 mg/g	1.10 mg	1.10 mg	N/A	0.0001 mg/g	0.0002 mg/g	N/A
Flavokavain C	ND	N/A	N/A	N/A	N/A	0.000 mg/g	0.000 mg/g	N/A
Total Kavalactones and Kavains *	0.0219 %	0.2187 mg/g	77.63 mg	77.63 mg	N/A	N/A	N/A	N/A
Total Kavalactones *	0.0209 %	0.2088 mg/g	74.14 mg	74.14 mg	Not Detected	N/A	N/A	WITHIN SPEC
Total Flavokavains *	0.0010 %	0.0098 mg/g	3.49 mg	3.49 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 all quantified flavokavains.*

TAMC

Total Aerobic Bacteria - Plate - 25 g - Full Range

LAB-TM-060 - Enumeration of Total Aerobic Count in Foods and Dietary Supplements
TAMC-DTS-260806-046-01 - TUE, AUG 11, 2026

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

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

Testing was conducted on a 25.2 gram aliquot

COOX

Dissolved CO2 & O2 - Liquids

LAB-TM-020 - Determination of Carbon Dioxide and Dissolved Oxygen in Beverages
COOX-DTS-260806-046-01 - TUE, AUG 11, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Dissolved Carbon Dioxide	2.65 vol	2.35 - 3 vol	N/A	N/A	PASS
Dissolved Oxygen	51.3 ug/kg	1200 ug/kg	N/A	N/A	PASS

PH

pH

LAB-TM-018 - Determination of pH
PH-DTS-260806-046-01 - TUE, AUG 11, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
pH	3.187	3.02 - 3.34 N/A	N/A	N/A	WITHIN SPEC

HVMET

Heavy Metals - Big 4

LAB-TM-044 - Determination of Heavy Metals by ICP-MS
HVMET-DTS-260806-046-01 - TUE, AUG 11, 2026

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	9.366 ug/kg	26.017 ug/kg	PASS
Cadmium	ND	N/A	N/A	N/A	4.1 ug/serv	1.873 ug/kg	6.504 ug/kg	PASS
Lead	ND	N/A	N/A	N/A	0.5 ug/serv	1.145 ug/kg	6.504 ug/kg	PASS
Mercury	<LOQ	N/A	N/A	N/A	0.3 ug/serv	0.364 ug/kg	0.650 ug/kg	PASS

USP <233>, USP <730>, USP <1730>

TYMFD

Total Yeast & Mold - Plate - 25 g - Full Range

LAB-TM-061 - Enumeration of Yeast and Mold in Foods and Dietary Supplements
TYMFD-DTS-260806-046-01 - WED, AUG 12, 2026

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 *	0 CFU/g	1000 CFU/g	N/A	N/A	PASS

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

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

Testing was conducted on a 25.2 gram aliquot

PAKLI

Lot / Batch Code - Verification

LAB-TM-118 - Lot Batch Code Verification
PAKLI-DTS-260806-046-01 - MON, AUG 10, 2026

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-260806-046-01 - MON, AUG 10, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
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
Child Resistant Mechanism	Conforming	N/A	N/A	N/A	N/A
Dents & Dings	Conforming	N/A	N/A	N/A	N/A
Seams and Tabs	Nonconforming - Minor	N/A	N/A	N/A	N/A
Wrinkles & Pleats	Conforming	N/A	N/A	N/A	N/A

Seams and Tabs: bottom seam of 1/6 units is compromised due to dent and depressurization (see attached photos). Significance to sample integrity unknown. Testing proceeded with an uncompromised unit.

BRXRX

Brix of Liquids - Refractometer

LAB-TM-017 - Brix & Density Analysis

BRXRX-DTS-260806-046-01 - MON, AUG 10, 2026

Analyte	Value	Action Limit	LOD	LOQ	Status
Brix	1.4 bx	1.3 - 1.5 bx	N/A	N/A	WITHIN SPEC