

Certificate of Analysis



Sample Name: Kava Seltzer - Strawberry Watermelon
Client: Mitra9-BUR
Sample Code: DTS-250729-024
Matrix Name: Beverage
Type / Result: N/A - Fail



Received Date: Wed, Jul 30, 2025
Published Date: Mon, Aug 4, 2025
Batch/Lot Code: 10107282025BUR
Batch Size: N/A
Sample Size: 6U
Average Unit Weight: 361.55g


RESULT SUMMARY

Total Kavalactones and Kavains 144.38 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
Monday, Aug 4, 2025

RESULTS CERTIFIED BY:

 **Douglas Smith**
VP - Scientific
Operations
Cambium Analytica
Monday, Aug 4, 2025

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KAVAL

Kavalactones & KavainsLAB-TM-067 - Determination of Kavalactones & Kavains by LC-DAD
KAVAL-DTS-250729-024-01 - FRI, AUG 1, 2025

| Analyte | Value | Value (mg/g) | Per Serving | Per Package | Action Limit | LOD | LOQ | Status |
|--------------------------------|----------|--------------|-------------|-------------|--------------|------------|----------|--------|
| Dihydrokavain | 0.0134 % | 0.1340 mg/g | 48.44 mg | 48.44 mg | N/A | 0.25 ug/g | 1 ug/g | N/A |
| Kavain | 0.0079 % | 0.0792 mg/g | 28.63 mg | 28.63 mg | N/A | 0.25 ug/g | 1 ug/g | N/A |
| Dihydromethysticin | 0.0067 % | 0.0674 mg/g | 24.38 mg | 24.38 mg | N/A | 0.25 ug/g | 1 ug/g | N/A |
| Methysticin | 0.0047 % | 0.0465 mg/g | 16.82 mg | 16.82 mg | N/A | 0.25 ug/g | 1 ug/g | N/A |
| Yangonin | 0.0033 % | 0.0330 mg/g | 11.94 mg | 11.94 mg | N/A | 0.25 ug/g | 1 ug/g | N/A |
| Desmethoxyyangonin | 0.0027 % | 0.0269 mg/g | 9.72 mg | 9.72 mg | N/A | 0.25 ug/g | 1 ug/g | N/A |
| Flavokavain B | 0.0008 % | 0.0079 mg/g | 2.87 mg | 2.87 mg | N/A | 0.025 ug/g | 0.1 ug/g | N/A |
| Flavokavain A | 0.0004 % | 0.0044 mg/g | 1.58 mg | 1.58 mg | N/A | 0.025 ug/g | 0.1 ug/g | N/A |
| Total Kavalactones and Kavains | 0.0399 % | 0.3993 mg/g | 144.38 mg | 144.38 mg | N/A | | | N/A |
| Total Kavalactones | 0.0387 % | 0.3870 mg/g | 139.93 mg | 139.93 mg | N/A | | | N/A |
| Total Flavokavains | 0.0012 % | 0.0123 mg/g | 4.45 mg | 4.45 mg | N/A | | | N/A |

TAMC

Total Aerobic Bacteria - Plate - 25g - Full RangeLAB-TM-060 - Enumeration of Total Aerobic Count in Foods and Dietary Supplements
TAMC-DTS-250729-024-01 - FRI, AUG 1, 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-250729-024-01 - FRI, AUG 1, 2025

| Analyte | Value | Action Limit | LOD | LOQ | Status |
|---------|--------|--------------|-----|-----|--------|
| Brix | 0.9 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-250729-024-01 - THU, JUL 31, 2025

| Analyte | Value | Action Limit | LOD | LOQ | Status |
|--------------------------|------------|----------------|-----|-----|--------|
| Dissolved Carbon Dioxide | 2.42 vol | 2.45 - 2.8 vol | N/A | N/A | FAIL |
| Dissolved Oxygen | 17.2 ug/kg | N/A | N/A | N/A | N/A |

PH

pHLAB-TM-018 - Determination of pH
PH-DTS-250729-024-01 - FRI, AUG 1, 2025

| Analyte | Value | Action Limit | LOD | LOQ | Status |
|---------|-------|--------------|-----|-----|--------|
| pH | 2.928 | 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-250729-024-01 - FRI, AUG 1, 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 | ND | 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-250729-024-01 - MON, AUG 4, 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 |

PAKLI

Lot / Batch Code - Verification

LAB-TM-118 - Lot Batch Code Verification
PAKLI-DTS-250729-024-01 - THU, JUL 31, 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-250729-024-01 - THU, JUL 31, 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 |

