

Certificate of Analysis

Sample Name: Paradise Lychee
Client: Mitra9-QTC
Sample Code: DTS-251126-054
Matrix Name: Beverage
Type / Result: N/A - Pass



Received Date: Mon, Dec 1, 2025
Published Date: Thu, Dec 4, 2025
Batch/Lot Code: 10811252025QUA
Batch Size: N/A
Sample Size: 6U
Average Unit Weight: 342.21g

RESULT SUMMARY

Total Kavalactones and Kavains	142.90 mg /serv
Total Kavalactones	138.89 mg /serv
Total Flavokavains	4.01 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
Thursday, Dec 4, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific
Operations

Cambium Analytica
Thursday, Dec 4, 2025

This report may not be reproduced except in full without approval from Cambium Analytica. The results herein relate only to the sample & batch identified in this report.

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-251126-054-01 - WED, DEC 3, 2025

Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Dihydrokavain	0.0137 %	0.1371 mg/g	46.92 mg	46.92 mg	N/A	0.25 ug/g	1 ug/g	N/A
Dihydromethysticin	0.0079 %	0.0786 mg/g	26.90 mg	26.90 mg	N/A	0.25 ug/g	1 ug/g	N/A
Kavain	0.0073 %	0.0731 mg/g	25.01 mg	25.01 mg	N/A	0.25 ug/g	1 ug/g	N/A
Methysticin	0.0055 %	0.0546 mg/g	18.70 mg	18.70 mg	N/A	0.25 ug/g	1 ug/g	N/A
Yangonin	0.0034 %	0.0343 mg/g	11.73 mg	11.73 mg	N/A	0.25 ug/g	1 ug/g	N/A
Desmethoxyyangonin	0.0028 %	0.0281 mg/g	9.62 mg	9.62 mg	N/A	0.25 ug/g	1 ug/g	N/A
Flavokavain B	0.0008 %	0.0077 mg/g	2.64 mg	2.64 mg	N/A	0.025 ug/g	0.1 ug/g	N/A
Flavokavain A	0.0004 %	0.0040 mg/g	1.37 mg	1.37 mg	N/A	0.025 ug/g	0.1 ug/g	N/A
Total Kavalactones and Kavains*	0.0418 %	0.4176 mg/g	142.90 mg	142.90 mg	N/A	N/A	N/A	N/A
Total Kavalactones*	0.0406 %	0.4059 mg/g	138.89 mg	138.89 mg	N/A	N/A	N/A	N/A
Total Flavokavains*	0.0012 %	0.0117 mg/g	4.01 mg	4.01 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-251126-054-01 - THU, DEC 4, 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-251126-054-01 - WED, DEC 3, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Brix	1.2 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-251126-054-01 - THU, DEC 4, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Dissolved Carbon Dioxide	2.85 vol	2.35 - 2.85 vol	N/A	N/A	PASS
Dissolved Oxygen	597.0 ug/kg	N/A	N/A	N/A	N/A



PH

pH
 LAB-TM-018 - Determination of pH
 PH-DTS-251126-054-01 - WED, DEC 3, 2025



Analyte	Value	Action Limit	LOD	LOQ	Status
pH	3.017	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-251126-054-01 - WED, DEC 3, 2025



Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Arsenic	0.009 ug/g	0.000 mg/g	3.17 ug	3.17 ug	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	<LOQ	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-251126-054-01 - THU, DEC 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

*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-251126-054-01 - TUE, DEC 2, 2025

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

Lot code on was not present on 2/6 physical products. Testing proceeded with uncompromised unit.



PAKVI

Package Integrity - Verification

LAB-TM-117 - Package Integrity Verification

PAKVI-DTS-251126-054-01 - TUE, DEC 2, 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	Nonconforming - Minor	N/A	N/A	N/A	N/A
Wrinkles & Pleats	Conforming	N/A	N/A	N/A	N/A

Seams and Tabs: top and bottom seams of 2/6 units are compromised due to dent (see attached photos). Significance to sample integrity unknown. Testing proceeded with an uncompromised unit.

