

Certificate of Analysis

Sample Name: Key Lime Kiwi 4mg
Client: Climbing Kites
Sample Code: HEM-250915-011
Matrix Name: Beverage
Type / Result: Compliance - Pass



Received Date: Thu, Sep 18, 2025
Published Date: Tue, Sep 23, 2025
Batch/Lot Code: 5253
Batch Size: N/A
Sample Size: 8 U
Average Unit Weight: 355 g

RESULT SUMMARY

Total Cannabinoids	7.03 mg/serv
Total THC	3.62 mg/serv
Total CBD	3.4 mg/serv

POT ✓
Cannabinoids
Potency

ECOLI ✓
Total Coliforms & E. coli
Plate

AFLA ✓
Aflatoxins
USP <561>

TAMC ✓
Total Aerobic Bacteria
Plate

SS ✓
Salmonella & STEC
qPCR

SAUR ✓
Staphylococcus aureus
Plate

TYMFD ✓
Total Yeast & Mold
Plate

HVMET ✓
Heavy Metals
Big 4

CAPLC ✓
Chemical Residue
National Panel

CAPGC ✓
Chemical Residue
National Panel

SOLHM ✓
Residual Solvents
National Panel

Approvals

RESULTS REVIEWED BY:

Leslie Varela
Laboratory Director

Cambium Analytica
Tue, Sep 23, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific
Operations

Cambium Analytica
Tue, Sep 23, 2025

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POT

Cannabinoids - Potency

LAB-TM-025 - Determination of Potency of Cannabis and Cannabis Infused Products

POT-HEM-250915-011-02 - TUE, SEP 23, 2025

Analyte	Value	Value (mg)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Delta-9 THC	0.001 %	0.0102 mg/g	3.62 mg	3.62 mg	N/A	0.0005 mg/g	0.001 mg/g	N / A
CBD	0.001 %	0.0096 mg/g	3.4 mg	3.4 mg	N/A	0.0005 mg/g	0.001 mg/g	N / A
(6aR,9R)-Delta-10 THC	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N / A
(6aR,9S)-Delta-10 THC	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N / A
CBC	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N / A
CBDA	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N / A
CBDV	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N / A
CBG	<LOQ	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N / A
CBGA	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N / A
CBN	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N / A
Delta-8 THC	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N / A
Delta-8 THCV	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N / A
THCA	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N / A
Delta-9 THCV	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N / A
Total Cannabinoids*	0.002 %	0.0198 mg/g	7.03 mg	7.03 mg	N/A	N/A	N/A	N / A
Delta-9 THC + Delta-8 THC	0.001 %	0.0102 mg/g	3.62 mg	3.62 mg	N/A	N/A	N/A	N / A
Total THC*	0.001 %	0.0102 mg/g	3.62 mg	3.62 mg	N/A	N/A	N/A	N / A
Total CBD*	0.001 %	0.0096 mg/g	3.4 mg	3.4 mg	N/A	N/A	N/A	N / A
Total THCV*	0 %	0 mg/g	0 mg	0 mg	N/A	N/A	N/A	N / A

** Total Cannabinoids is calculated as the sum of all quantified cannabinoids.*
** Total THC is calculated as the sum of Delta-9 THC, Delta-8 THC, and 0.877*(THCA).*
** Total CBD is calculated as the sum of CBD and 0.877*(CBDA).*
** Total THCV is calculated as the sum of Delta-8 THCV and Delta-9 THCV.*

ECOLI

Total Coliforms & E. coli - Plate - 25g - Full Range

LAB-TM-059 - Enumeration of Escherichia coli and Total Coliform in Foods and Dietary Supplements

ECOLI-HEM-250915-011-01 - MON, SEP 22, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
E. coli	ND	Detection	10 CFU/g	10 CFU/g	Pass
Total Coliforms	ND	N/A	10 CFU/g	10 CFU/g	N / A

References: USP <62> - Vendor Modified, USP <2022> - Vendor Modified, USP <1223>, AOAC PTM 051801, AOAC OMA 2018.13

AFLA

Aflatoxins - USP <561>

LAB-TM-043 - USP 561 Aflatoxins Analysis in Articles of Botanical Origin by LC-TQ

AFLA-HEM-250915-011-01 - TUE, SEP 23, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Aflatoxin G2	ND	N/A	0.001 ug/g	0.002 ug/g	N / A
Aflatoxin B1	ND	N/A	0.001 ug/g	0.002 ug/g	N / A
Aflatoxin B2	ND	N/A	0.001 ug/g	0.002 ug/g	N / A
Aflatoxin G1	ND	N/A	0.001 ug/g	0.002 ug/g	N / A
Ochratoxin A	ND	N/A	0.001 ug/g	0.002 ug/g	N / A
Total Aflatoxins*	0 ug/g	N/A	N/A	N/A	N / A

** Total Aflatoxins is calculated as the sum of B1, B2, G1, and G2*

TAMC

Total Aerobic Bacteria - Plate - 25g - Full Range

LAB-TM-060 - Enumeration of Total Aerobic Count in Foods and Dietary Supplements

TAMC-HEM-250915-011-01 - MON, SEP 22, 2025



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

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

SS

Salmonella & STEC - qPCR

LAB-TM-006 - Microbial Analysis by qPCR

SS-HEM-250915-011-01 - MON, SEP 22, 2025



Analyte	Value	Action Limit	LOD	LOQ	Status
Salmonella spp.	ND	Detection	N/A	N/A	Pass
Shiga Toxin Producing E. coli	ND	Detection	N/A	N/A	Pass

SAUR

Staphylococcus aureus - Plate - 25g

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

SAUR-HEM-250915-011-01 - MON, SEP 22, 2025



Analyte	Value	Action Limit	LOD	LOQ	Status
S. aureus	ND	Detection	10 CFU/g	10 CFU/g	Pass

References: USP <62> - Vendor Modified, USP <2022> - Vendor Modified, USP <1223>, AOAC OMA 2003.07

TYMFD

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

LAB-TM-061 - Enumeration of Yeast and Mold in Foods and Dietary Supplements

TYMFD-HEM-250915-011-01 - MON, SEP 22, 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
References: USP <61> - Vendor Modified, USP <1223>, AOAC PTM 121301, AOAC OMA 2014.05

HVMET

Heavy Metals - Big 4

LAB-TM-044 - Determination of Heavy Metals by ICP-MS

HVMET-HEM-250915-011-01 - MON, SEP 22, 2025



Analyte	Value	Value (mg)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
Arsenic	0.016 ug/g	0 mg/g	5.85 ug	5.85 ug	1.5 ug/g	0.509 ug/kg	2.062 ug/kg	Pass
Cadmium	ND	N/A	N/A	N/A	0.5 ug/g	0.256 ug/kg	0.509 ug/kg	Pass
Lead	ND	N/A	N/A	N/A	0.5 ug/g	0.255 ug/kg	0.515 ug/kg	Pass
Mercury	ND	N/A	N/A	N/A	3 ug/g	0.025 ug/kg	0.057 ug/kg	Pass

References: USP <233>, USP <730>, USP <1730>

CAPLC

Chemical Residue - National Panel - LC-TQ

ANA-TM-105 - Determination of Chemical Residue by LC-TQ - National Panel

CAPLC-HEM-250915-011-01 - MON, SEP 22, 2025



Analyte	Value	Action Limit	LOD	LOQ	Status
Abamectin	ND	0.3 ug/g	0.063 ug/g	0.125 ug/g	Pass
Acephate	ND	5 ug/g	0.063 ug/g	0.125 ug/g	Pass
Acequinocyl	ND	4 ug/g	0.063 ug/g	0.125 ug/g	Pass
Acetamiprid	ND	5 ug/g	0.063 ug/g	0.125 ug/g	Pass
Aldicarb	ND	Detection	0.063 ug/g	0.125 ug/g	Pass
Azoxystrobin	ND	40 ug/g	0.063 ug/g	0.125 ug/g	Pass
Bifenazate	ND	5 ug/g	0.063 ug/g	0.125 ug/g	Pass

CAPLC

Chemical Residue - National Panel - LC-TQ

ANA-TM-105 - Determination of Chemical Residue by LC-TQ - National Panel

CAPLC-HEM-250915-011-01 - MON, SEP 22, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Bifenthrin	ND	0.5 ug/g	0.063 ug/g	0.125 ug/g	Pass
Boscalid	ND	10 ug/g	0.063 ug/g	0.125 ug/g	Pass
Carbaryl	ND	0.5 ug/g	0.063 ug/g	0.125 ug/g	Pass
Carbofuran	ND	Detection	0.063 ug/g	0.125 ug/g	Pass
Chlorantraniliprole	ND	40 ug/g	0.063 ug/g	0.125 ug/g	Pass
Chlormequat Chloride	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Chlorpyrifos	ND	Detection	0.063 ug/g	0.125 ug/g	Pass
Clofentezine	ND	0.5 ug/g	0.063 ug/g	0.125 ug/g	Pass
Coumaphos	ND	Detection	0.063 ug/g	0.125 ug/g	Pass
Cyfluthrin	ND	1 ug/g	0.063 ug/g	0.125 ug/g	Pass
Cypermethrin	ND	1 ug/g	0.063 ug/g	0.125 ug/g	Pass
Daminozide	ND	Detection	0.063 ug/g	0.125 ug/g	Pass
Diazinon	ND	0.2 ug/g	0.063 ug/g	0.125 ug/g	Pass
Dichlorvos	ND	Detection	0.063 ug/g	0.125 ug/g	Pass
Dimethoate	ND	Detection	0.063 ug/g	0.125 ug/g	Pass
Dimethomorph I	ND	N/A	0.026 ug/g	0.052 ug/g	N/A
Dimethomorph II	ND	N/A	0.036 ug/g	0.072 ug/g	N/A
Ethoprophos	ND	Detection	0.063 ug/g	0.125 ug/g	Pass
Etofenprox	ND	Detection	0.063 ug/g	0.125 ug/g	Pass
Etoxazole	ND	1.5 ug/g	0.063 ug/g	0.125 ug/g	Pass
Fenhexamid	ND	10 ug/g	0.063 ug/g	0.125 ug/g	Pass
Fenoxycarb	ND	Detection	0.063 ug/g	0.125 ug/g	Pass
Fenpyroximate	ND	2 ug/g	0.063 ug/g	0.125 ug/g	Pass
Fipronil	ND	Detection	0.063 ug/g	0.125 ug/g	Pass
Flonicamid	ND	2 ug/g	0.063 ug/g	0.125 ug/g	Pass
Fludioxonil	ND	30 ug/g	0.063 ug/g	0.125 ug/g	Pass
Hexythiazox	ND	2 ug/g	0.063 ug/g	0.125 ug/g	Pass
Imazalil	ND	Detection	0.063 ug/g	0.125 ug/g	Pass
Imidacloprid	ND	3 ug/g	0.063 ug/g	0.125 ug/g	Pass
Kresoxim Methyl	ND	1 ug/g	0.063 ug/g	0.125 ug/g	Pass
MGK-264	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Malathion	ND	5 ug/g	0.063 ug/g	0.125 ug/g	Pass
Metalaxyl	ND	15 ug/g	0.063 ug/g	0.125 ug/g	Pass
Methiocarb	ND	Detection	0.063 ug/g	0.125 ug/g	Pass
Methomyl	ND	0.1 ug/g	0.063 ug/g	0.125 ug/g	Pass
Mevinphos	ND	Detection	0.063 ug/g	0.125 ug/g	Pass
Myclobutanil	ND	9 ug/g	0.063 ug/g	0.125 ug/g	Pass
Naled	ND	0.5 ug/g	0.063 ug/g	0.125 ug/g	Pass
Oxamyl	ND	0.2 ug/g	0.063 ug/g	0.125 ug/g	Pass
Paclobutrazol	ND	Detection	0.063 ug/g	0.125 ug/g	Pass

CAPLC

Chemical Residue - National Panel - LC-TQ

ANA-TM-105 - Determination of Chemical Residue by LC-TQ - National Panel

CAPLC-HEM-250915-011-01 - MON, SEP 22, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Permethrins (Sum of Cis- and Trans-Permethrin)	ND	20 ug/g	0.063 ug/g	0.125 ug/g	Pass
Phosmet	ND	0.2 ug/g	0.063 ug/g	0.125 ug/g	Pass
Piperonyl Butoxide	ND	8 ug/g	0.063 ug/g	0.125 ug/g	Pass
Prallethrin	ND	0.4 ug/g	0.063 ug/g	0.125 ug/g	Pass
Propiconazole	ND	20 ug/g	0.063 ug/g	0.125 ug/g	Pass
Propoxur	ND	Detection	0.063 ug/g	0.125 ug/g	Pass
Pyrethrins Cinerin I	ND	N/A	0.002 ug/g	0.004 ug/g	N/A
Pyrethrins Cinerin II	ND	N/A	0.001 ug/g	0.002 ug/g	N/A
Pyrethrins Jasmolin I	ND	N/A	0.002 ug/g	0.004 ug/g	N/A
Pyrethrins Jasmolin II	ND	N/A	0.002 ug/g	0.004 ug/g	N/A
Pyrethrins Pyrethrin I	ND	N/A	0.034 ug/g	0.069 ug/g	N/A
Pyrethrins Pyrethrin II	ND	N/A	0.021 ug/g	0.043 ug/g	N/A
Pyridaben	ND	3 ug/g	0.063 ug/g	0.125 ug/g	Pass
Spinetoram J	ND	N/A	0.046 ug/g	0.092 ug/g	N/A
Spinetoram L	ND	N/A	0.016 ug/g	0.032 ug/g	N/A
Spinosad A	ND	N/A	0.048 ug/g	0.095 ug/g	N/A
Spinosad D	ND	N/A	0.015 ug/g	0.03 ug/g	N/A
Spiromesifen	ND	12 ug/g	0.063 ug/g	0.125 ug/g	Pass
Spirotetramat	ND	13 ug/g	0.063 ug/g	0.125 ug/g	Pass
Spiroxamine	ND	Detection	0.063 ug/g	0.125 ug/g	Pass
Tebuconazole	ND	2 ug/g	0.063 ug/g	0.125 ug/g	Pass
Thiacloprid	ND	Detection	0.063 ug/g	0.125 ug/g	Pass
Thiamethoxam	ND	4.5 ug/g	0.063 ug/g	0.125 ug/g	Pass
Trifloxystrobin	ND	30 ug/g	0.063 ug/g	0.125 ug/g	Pass
Total Dimethomorphs*	0 ug/g	20 ug/g	N/A	N/A	Pass
Total Pyrethrins*	0 ug/g	3 ug/g	N/A	N/A	Pass
Total Spinetorams*	0 ug/g	3 ug/g	N/A	N/A	Pass
Total Spinosads*	0 ug/g	3 ug/g	N/A	N/A	Pass

* Total Dimethomorphs is calculated as the sum of Dimethomorph I and Dimethomorph II.

* Total Pyrethrins is calculated as the sum of Cinerin I, Cinerin II, Jasmolin I, Jasmolin II, Pyrethrin I, and Pyrethrin II.

* Total Spinetorams is calculated as the sum of Spinetoram J and Spinetoram L.

* Total Spinosads is calculated as the sum of Spinosad A and Spinosad D.

CAPGC

Chemical Residue - National Panel - GC-TQ

ANA-TM-109 - Determination of Chemical Residue by GC-TQ - National Panel

CAPGC-HEM-250915-011-01 - MON, SEP 22, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Captan	ND	5 ug/g	0.03 ug/g	0.102 ug/g	Pass
Chlordane-cis	ND	N/A	0.004 ug/g	0.013 ug/g	N/A
Chlordane-trans	ND	N/A	0.003 ug/g	0.011 ug/g	N/A
Chlorfenapyr	ND	Detection	0.015 ug/g	0.048 ug/g	Pass
Methyl Parathion	ND	Detection	0.008 ug/g	0.021 ug/g	Pass
Pentachloronitrobenzene	ND	0.2 ug/g	0.012 ug/g	0.041 ug/g	Pass
Chlordane (Sum of -Cis, Trans)	0 ug/g	Detection	N/A	N/A	Pass

Analyte	Value	Action Limit	LOD	LOQ	Status
1,1-Dichloroethene	ND	N/A	0.78 ug/g	2.59 ug/g	N / A
1,2-Dichloroethane	ND	5 ug/g	0.5 ug/g	1 ug/g	Pass
2,2-Dimethylbutane	ND	N/A	0.98 ug/g	3.27 ug/g	N / A
2,3-Dimethylbutane	ND	N/A	2.19 ug/g	7.32 ug/g	N / A
2-Methylbutane	ND	N/A	1.54 ug/g	5.14 ug/g	N / A
2-Methylpentane	ND	N/A	0.046 ug/g	0.154 ug/g	N / A
3-Methylpentane	ND	N/A	0.73 ug/g	2.44 ug/g	N / A
Acetone	ND	5000 ug/g	1.57 ug/g	5.23 ug/g	Pass
Acetonitrile	ND	410 ug/g	1.85 ug/g	6.17 ug/g	Pass
Benzene	ND	2 ug/g	0.18 ug/g	0.5 ug/g	Pass
Butane	ND	N/A	1.68 ug/g	5.59 ug/g	N / A
Chloroform	ND	60 ug/g	0.78 ug/g	1 ug/g	Pass
Ethanol	4086.975 ug/g	5000 ug/g	6.02 ug/g	20.1 ug/g	Pass
Ethyl Acetate	24.197 ug/g	5000 ug/g	1.95 ug/g	6.49 ug/g	Pass
Ethyl Ether	ND	5000 ug/g	1.37 ug/g	4.55 ug/g	Pass
Ethylene Oxide	ND	N/A	0.15 ug/g	0.49 ug/g	N / A
Heptane	ND	5000 ug/g	1.31 ug/g	4.37 ug/g	Pass
Hexane	ND	290 ug/g	1.42 ug/g	4.74 ug/g	Pass
Isobutane	ND	N/A	1.6 ug/g	5.34 ug/g	N / A
Isopropyl Alcohol	ND	N/A	4.9 ug/g	16.3 ug/g	N / A
Methanol	ND	3000 ug/g	7.89 ug/g	26.4 ug/g	Pass
Methylene Chloride	ND	600 ug/g	1.36 ug/g	4.53 ug/g	Pass
Neopentane	ND	N/A	1.49 ug/g	4.97 ug/g	N / A
Pentane	ND	5000 ug/g	1.46 ug/g	4.87 ug/g	Pass
Propane	ND	N/A	1.95 ug/g	6.51 ug/g	N / A
Toluene	ND	890 ug/g	1.88 ug/g	6.26 ug/g	Pass
Total Xylenes	ND	2170 ug/g	2.02 ug/g	6.72 ug/g	Pass
Trichloroethylene	ND	80 ug/g	0.29 ug/g	0.96 ug/g	Pass
Total Butanes*	ND	N/A	N/A	N/A	N / A
Total Hexanes*	ND	290 ug/g	N/A	N/A	Pass
Total Pentanes*	ND	5000 ug/g	N/A	N/A	Pass

* Total Butanes is calculated as the sum of Butane and Isobutane

* Total Hexanes is calculated as the sum of Hexane, 2,2-Dimethylbutane, 2,3-Dimethylbutane, 2-Methylpentane, and 3-Methylpentane.

* Total Pentanes is calculated as the sum of Pentane, 2-Methylbutane, and Neopentane.