

CERTIFICATE OF ANALYSIS



SAMPLE NAME: ORANGE MANGO 2.5MG
SAMPLE CODE: HEM-241216-006
CLIENT: CLIMBING KITES
BATCH RESULT: PASS

1230 Woodmere Ave
Traverse City, MI 49686
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MATRIX NAME: Beverage
SAMPLE TYPE: Compliance
RECEIVED DATE: Wed, Jan 8, 2025
PUBLISHED DATE: Mon, Jan 13, 2025
BATCH/LOT CODE: NCKO02
BATCH SIZE: N/A
SAMPLE SIZE: 1U
AVERAGE UNIT WEIGHT: 355g

TOTAL CANNABINOIDS 6.17 mg / serv

TOTAL CBD 2.86 mg / serv

TOTAL THC 2.93 mg / serv

POT ✓
Cannabinoids
Potency

SOL ✓
Residual Solvents
USP <467>

ECOLI ✓
Total E. Coli & Coliforms
Plate

AFLA ✓
Aflatoxins
USP <561>

TAMC ✓
Total Aerobic Bacteria
Plate

SS ✓
Salmonella & STEC
qPCR

SAUR ✓
Staphylococcus aureus
Plate

HVMET ✓
Heavy Metals
4

TYMFD ✓
Total Yeast & Mold
Plate

CAPLC ✓
Chemical Residue
CA Hemp

CAPGC ✓
Chemical Residue
CA Hemp

APPROVALS

RESULTS REVIEWED BY:

Leslie Varela
Laboratory Director

Cambium Analytica
Monday, Jan 13, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations

Cambium Analytica
Monday, Jan 13, 2025

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ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
CBD	0.0008 %	0.008 mg/g	2.86 mg	2.86 mg	N/A	0.6432 ug/g	0.5401 ug/g	N/A
Delta-9 THC	0.0008 %	0.008 mg/g	2.93 mg	2.93 mg	N/A	0.4945 ug/g	0.1516 ug/g	N/A
CBG	0.0001 %	0.001 mg/g	0.37 mg	0.37 mg	N/A	0.2073 ug/g	0.4854 ug/g	N/A
CBC	ND	N/A	N/A	N/A	N/A	0.4372 ug/g	0.4843 ug/g	N/A
CBDA	ND	N/A	N/A	N/A	N/A	0.0886 ug/g	0.2949 ug/g	N/A
CBDV	ND	N/A	N/A	N/A	N/A	0.0919 ug/g	0.4418 ug/g	N/A
CBGA	ND	N/A	N/A	N/A	N/A	0.4596 ug/g	0.4815 ug/g	N/A
CBN	ND	N/A	N/A	N/A	N/A	0.3561 ug/g	0.4316 ug/g	N/A
Delta-8 THC	ND	N/A	N/A	N/A	N/A	0.4043 ug/g	0.4567 ug/g	N/A
Delta-8 THCV	ND	N/A	N/A	N/A	N/A	0.0504 ug/g	0.3393 ug/g	N/A
Delta-9 THCV	ND	N/A	N/A	N/A	N/A	0.2699 ug/g	0.4033 ug/g	N/A
THCA	ND	N/A	N/A	N/A	N/A	0.4497 ug/g	0.4947 ug/g	N/A
Total Cannabinoids*	0.0017 %	0.017 mg/g	6.17 mg	6.17 mg	N/A	N/A	N/A	N/A
Delta-9 THC + Delta-8 THC	0.0008 %	0.008 mg/g	2.93 mg	2.93 mg	N/A	N/A	N/A	N/A
Total CBD*	0.0008 %	0.008 mg/g	2.86 mg	2.86 mg	N/A	N/A	N/A	N/A
Total THC*	0.0008 %	0.008 mg/g	2.93 mg	2.93 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





ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
1,2-Dichloroethane	ND	5 ug/g	0.4 ug/g	1.00 ug/g	PASS
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
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
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	0.50 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	1.00 ug/g	PASS
Ethanol	1175.484 ug/g	5000 ug/g	6.02 ug/g	20.1 ug/g	PASS
Ethyl Acetate	ND	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
Butanes (Sum of Butane and Isobutane)	ND	N/A			N/A
Hexanes (Sum of Hexane, 2,2-Dimethylbutane, 2,3-Dimethylbutane, 2-Methylpentane, and 3-Methylpentane)	ND	290 ug/g			PASS
Pentanes (Sum of Pentane, 2-Methylbutane, and Neopentane)	ND	5000 ug/g			PASS



ECOLI TOTAL E. COLI & COLIFORMS - PLATE LAB-TM-059 - ENUMERATION OF ESCHERICHIA COLI AND TOTAL COLIFORM IN FOODS AND DIETARY SUPPLEMENTS ECOLI-HEM-241216-006-01 - FRI, JAN 10, 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

AFLA AFLATOXINS - USP <561> LAB-TM-043 - USP 561 AFLATOXINS ANALYSIS IN ARTICLES OF BOTANICAL ORIGIN BY LC-TQ AFLA-HEM-241216-006-01 - FRI, JAN 10, 2025 					
ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
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
Aflatoxin G2	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
Aflatoxins (Sum of B1, B2, G1, and G2)	ND	N/A			N/A

TAMC TOTAL AEROBIC BACTERIA - PLATE LAB-TM-060 - ENUMERATION OF TOTAL AEROBIC COUNT IN FOODS AND DIETARY SUPPLEMENTS TAMC-HEM-241216-006-01 - FRI, JAN 10, 2025 					
ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Total Aerobic Count	ND	10000 CFU/g	100 CFU/g	100 CFU/g	PASS

SS SALMONELLA & STEC- QPCR LAB-TM-006 - MICROBIAL ANALYSIS BY QPCR SS-HEM-241216-006-01 - MON, JAN 13, 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 LAB-TM-062 - ENUMERATION OF STAPHYLOCOCCUS AUREUS IN FOODS AND DIETARY SUPPLEMENTS SAUR-HEM-241216-006-01 - FRI, JAN 10, 2025 					
ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
S. aureus	ND	Detection	10 CFU/g	10 CFU/g	PASS



HVMET

HEAVY METALS - 4

LAB-TM-044 - DETERMINATION OF HEAVY METALS BY ICP-MS

HVMET-HEM-241216-006-01 - FRI, JAN 10, 2025



ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Arsenic	ND	N/A	N/A	N/A	1.50 ug/g	0.198 ug/kg	0.662 ug/kg	PASS
Cadmium	ND	N/A	N/A	N/A	0.50 ug/g	0.082 ug/kg	0.272 ug/kg	PASS
Lead	<LOQ	N/A	N/A	N/A	0.50 ug/g	0.155 ug/kg	0.515 ug/kg	PASS
Mercury	ND	N/A	N/A	N/A	3.00 ug/g	0.017 ug/kg	0.057 ug/kg	PASS

TYMFD

TOTAL YEAST & MOLD - PLATE

LAB-TM-061 - ENUMERATION OF YEAST AND MOLD IN FOODS AND DIETARY SUPPLEMENTS

TYMFD-HEM-241216-006-01 - MON, JAN 13, 2025

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Total Yeast and Mold	ND	1000 CFU/g	100 CFU/g	100 CFU/g	PASS



CAPLC

CHEMICAL RESIDUE - CA HEMP - LC/TQ
LAB-TM-105 - DETERMINATION OF CHEMICAL RESIDUE BY LC-TQ - CALIFORNIA RESIDUAL PESTICIDE LIST
CAPLC-HEM-241216-006-01 - FRI, JAN 10, 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	5.0 ug/g	0.063 ug/g	0.125 ug/g	PASS
Acequinocyl	ND	4.0 ug/g	0.063 ug/g	0.125 ug/g	PASS
Acetamiprid	ND	5.0 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	40.0 ug/g	0.063 ug/g	0.125 ug/g	PASS
Bifenazate	ND	5.0 ug/g	0.063 ug/g	0.125 ug/g	PASS
Bifenthrin	ND	0.5 ug/g	0.063 ug/g	0.125 ug/g	PASS
Boscalid	ND	10.0 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	40.0 ug/g	0.063 ug/g	0.125 ug/g	PASS
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	1.0 ug/g	0.313 ug/g	0.625 ug/g	PASS
Cypermethrin	ND	1.0 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	ND	20.0 ug/g	0.063 ug/g	0.125 ug/g	PASS
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	10.0 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	2.0 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	2.0 ug/g	0.063 ug/g	0.125 ug/g	PASS
Fludioxonil	ND	30.0 ug/g	0.063 ug/g	0.125 ug/g	PASS
Hexythiazox	ND	2.0 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	3.0 ug/g	0.063 ug/g	0.125 ug/g	PASS
Kresoxim Methyl	ND	1.0 ug/g	0.063 ug/g	0.125 ug/g	PASS



CAPLC

CHEMICAL RESIDUE - CA HEMP - LC/TQ
LAB-TM-105 - DETERMINATION OF CHEMICAL RESIDUE BY LC-TQ - CALIFORNIA RESIDUAL PESTICIDE LIST
CAPLC-HEM-241216-006-01 - FRI, JAN 10, 2025

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Malathion	ND	5.0 ug/g	0.063 ug/g	0.125 ug/g	PASS
Metolaxyl	ND	15.0 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	9.0 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
Permethrins (Sum of Cis- and Trans-Permethrin)	ND	20.0 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	8.0 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	20.0 ug/g	0.063 ug/g	0.125 ug/g	PASS
Propoxur	ND	Detection	0.063 ug/g	0.125 ug/g	PASS
Pyrethrins (Sum of Cinerin 1, Jasmolin 1, and Pyrethrin 1)	ND	1.0 ug/g	0.063 ug/g	0.125 ug/g	PASS
Pyridaben	ND	3.0 ug/g	0.063 ug/g	0.125 ug/g	PASS
Spinetoram	ND	3.0 ug/g	0.063 ug/g	0.125 ug/g	PASS
Spinosad	ND	3.0 ug/g	0.063 ug/g	0.125 ug/g	PASS
Spiromesifen	ND	12.0 ug/g	0.063 ug/g	0.125 ug/g	PASS
Spirotetramat	ND	13.0 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	2.0 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	30.0 ug/g	0.063 ug/g	0.125 ug/g	PASS



CAPGC

CHEMICAL RESIDUE - CA HEMP - GC/TQ
LAB-TM-109 - DETERMINATION OF CHEMICAL RESIDUE BY GC-TQ - CALIFORNIA RESIDUAL PESTICIDE LIST
CAPGC-HEM-241216-006-01 - FRI, JAN 10, 2025

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Captan	ND	5 ug/g	0.030 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	0.014 ug/g	0.048 ug/g	PASS
Methyl Parathion	ND	Detection	0.008 ug/g	0.022 ug/g	PASS
Pentachloronitrobenzene	ND	0.2 ug/g	0.012 ug/g	0.041 ug/g	PASS
Chlordane (Sum of -Cis, Trans)	ND	Detection			PASS

