CERTIFICATE OF ANALYSIS

SAMPLE NAME: PEACH PRICKLY PEAR 4MG
SAMPLE CODE: HEM-250501-003
CLIENT: CLIMBING KITES
BATCH RESULT: PASS

cambium analytica
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Traverse City, MI 49686
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MATRIX NAME: Beverage
SAMPLE TYPE: Compliance
RECEIVED DATE: Wed, May 7, 2025
PUBLISHED DATE: Tue, May 13, 2025
BATCH/LOT CODE: 5118
BATCH SIZE: N/A
SAMPLE SIZE: 1496.49g
AVERAGE UNIT WEIGHT: 355g

TOTAL CANNABINOIDS	7.59 mg / serv
TOTAL CBD	3.84 mg / serv
TOTAL THC	3.75 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
Tuesday, May 13, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations
Cambium Analytica
Tuesday, May 13, 2025

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POT

CANNABINOIDS - POTENCY

LAB-TM-025 - DETERMINATION OF POTENCY OF CANNABIS AND CANNABIS INFUSED PRODUCTS
POT-HEM-250501-003-01 - TUE, MAY 13, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
CBD	0.0011 %	0.0108 mg/g	3.84 mg	3.84 mg	N/A	0.5 ug/g	1 ug/g	N/A
Delta-9 THC	0.0011 %	0.0106 mg/g	3.75 mg	3.75 mg	N/A	0.5 ug/g	1 ug/g	N/A
(6aR,9R)-Delta-10 THC	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
(6aR,9S)-Delta-10 THC	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
CBC	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
CBDA	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
CBDV	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
CBG	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
CBGA	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
CBN	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Delta-8 THC	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Delta-8 THCV	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Delta-9 THCV	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
THCA	ND	N/A	N/A	N/A	N/A	0.5 ug/g	1 ug/g	N/A
Total Cannabinoids*	**0.0021 %**	**0.0214 mg/g**	**7.59 mg**	**7.59 mg**	N/A	N/A	N/A	N/A
Delta-9 THC + Delta-8 THC	**0.0011 %**	**0.0106 mg/g**	**3.75 mg**	**3.75 mg**	N/A	N/A	N/A	N/A
Total CBD*	**0.0011 %**	**0.0108 mg/g**	**3.84 mg**	**3.84 mg**	N/A	N/A	N/A	N/A
Total THC*	**0.0011 %**	**0.0106 mg/g**	**3.75 mg**	**3.75 mg**	N/A	N/A	N/A	N/A
Total THCV*	**0.0000 %**	**0.0000 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 CBD is calculated as the sum of CBD and 0.877*(CBDA).*
**Total THC is calculated as the sum of Delta-9 THC, Delta-8 THC, and 0.877*(THCA).*
**Total THCV is calculated as the sum of Delta-8 THCV and Delta-9 THCV.*

SOL

RESIDUAL SOLVENTS - USP <467>

LAB-TM-004 - DETERMINATION OF RESIDUAL SOLVENTS
SOL-HEM-250501-003-01 - FRI, MAY 9, 2025

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	10.5 ug/g	31.25 ug/g	PASS
Acetonitrile	ND	410 ug/g	5.15 ug/g	10.25 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	533.107 ug/g	5000 ug/g	15.6 ug/g	31.8 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	10.93 ug/g	30.24 ug/g	N/A
Methanol	103.863 ug/g	3000 ug/g	10.2 ug/g	30.6 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	12.5 ug/g	25.2 ug/g	PASS
Total Xylenes	ND	2170 ug/g	10.25 ug/g	30.75 ug/g	PASS
Trichloroethylene	ND	80 ug/g	0.29 ug/g	0.96 ug/g	PASS
Butanes (Sum of Butane and Isobutane)	**0.000 ug/g**	N/A	N/A	N/A	N/A
Hexanes (Sum of Hexane, 2,2-Dimethylbutane, 2,3-Dimethylbutane, 2-Methylpentane, and 3-Methylpentane)	**0.000 ug/g**	290 ug/g	N/A	N/A	PASS
Pentanes (Sum of Pentane, 2-Methylbutane, and Neopentane)	**0.000 ug/g**	5000 ug/g	N/A	N/A	PASS

ECOLI

TOTAL E. COLI & COLIFORMS - PLATE

LAB-TM-059 - ENUMERATION OF ESCHERICHIA COLI AND TOTAL COLIFORM IN FOODS AND DIETARY SUPPLEMENTS
ECOLI-HEM-250501-003-01 - SAT, MAY 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-250501-003-01 - MON, MAY 12, 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)	0.000 ug/g	N/A	N/A	N/A	N/A

TAMC

TOTAL AEROBIC BACTERIA - PLATE

LAB-TM-060 - ENUMERATION OF TOTAL AEROBIC COUNT IN FOODS AND DIETARY SUPPLEMENTS
TAMC-HEM-250501-003-01 - SAT, MAY 10, 2025

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Total Aerobic Count	ND	10000 CFU/g	10 CFU/g	10 CFU/g	PASS

SS

SALMONELLA & STEC- QPCR

LAB-TM-006 - MICROBIAL ANALYSIS BY QPCR
SS-HEM-250501-003-01 - SAT, MAY 10, 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-250501-003-01 - SAT, MAY 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-250501-003-01 - FRI, MAY 9, 2025

ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Arsenic	ND	N/A	N/A	N/A	1.5 ug/g	0.198 ug/kg	0.662 ug/kg	PASS
Cadmium	ND	N/A	N/A	N/A	0.5 ug/g	0.082 ug/kg	0.272 ug/kg	PASS
Lead	ND	N/A	N/A	N/A	0.5 ug/g	0.155 ug/kg	0.515 ug/kg	PASS
Mercury	<LOQ	N/A	N/A	N/A	3.0 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-250501-003-01 - MON, MAY 12, 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

CAPLC

CHEMICAL RESIDUE - CA HEMP - LC/TQ

LAB-TM-105 - DETERMINATION OF CHEMICAL RESIDUE BY LC-TQ - CALIFORNIA RESIDUAL PESTICIDE LIST
CAPLC-HEM-250501-003-01 - FRI, MAY 9, 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-250501-003-01 - FRI, MAY 9, 2025

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Malathion	ND	5.0 ug/g	0.063 ug/g	0.125 ug/g	PASS
Metalaxyl	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-250501-003-01 - FRI, MAY 9, 2025

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Captan	ND	5.0 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)	**0.000 ug/g**	Detection	N/A	N/A	PASS