

CERTIFICATE OF ANALYSIS



SAMPLE NAME: MIXED BERRY 10MG
SAMPLE CODE: HEM-241219-009
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: Mon, Dec 23, 2024
PUBLISHED DATE: Mon, Dec 30, 2024
BATCH/LOT CODE: 24341
BATCH SIZE: N/A
SAMPLE SIZE: 4U
AVERAGE UNIT WEIGHT: 355g

TOTAL CANNABINOIDS	19.46 mg / serv
TOTAL CBD	9.70 mg / serv
TOTAL THC	9.54 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
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, Dec 30, 2024

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations

Cambium Analytica
Monday, Dec 30, 2024

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ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
CBD	0.0027 %	0.027 mg/g	9.70 mg	9.70 mg	N/A	0.6432 ug/g	0.5401 ug/g	N/A
Delta-9 THC	0.0027 %	0.027 mg/g	9.54 mg	9.54 mg	N/A	0.4945 ug/g	0.1516 ug/g	N/A
CBG	0.0001 %	0.001 mg/g	0.23 mg	0.23 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*	0.0055 %	0.055 mg/g	19.46 mg	19.46 mg	N/A	N/A	N/A	N/A
Delta-9 THC + Delta-8 THC	0.0027 %	N/A	9.54 mg	9.54 mg	N/A	N/A	N/A	N/A
Total CBD*	0.0027 %	N/A	9.70 mg	9.70 mg	N/A	N/A	N/A	N/A
Total THC*	0.0027 %	N/A	9.54 mg	9.54 mg	N/A	N/A	N/A	N/A
Total THCV*	0 %	N/A	0 mg	0 mg	N/A	N/A	N/A	N/A





ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
1,2-Dichloroethane	ND	5.0 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	5000.0 ug/g	1.57 ug/g	5.23 ug/g	PASS
Acetonitrile	ND	410.0 ug/g	1.85 ug/g	6.17 ug/g	PASS
Benzene	ND	2.0 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	60.0 ug/g	0.78 ug/g	1.00 ug/g	PASS
Ethanol	ND	5000.0 ug/g	6.02 ug/g	20.1 ug/g	PASS
Ethyl Acetate	ND	5000.0 ug/g	1.95 ug/g	6.49 ug/g	PASS
Ethyl Ether	ND	5000.0 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	5000.0 ug/g	1.31 ug/g	4.37 ug/g	PASS
Hexane	ND	290.0 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	3000.0 ug/g	7.89 ug/g	26.4 ug/g	PASS
Methylene Chloride	ND	600.0 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	5000.0 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	890.0 ug/g	1.88 ug/g	6.26 ug/g	PASS
Total Xylenes	ND	2170.0 ug/g	2.02 ug/g	6.72 ug/g	PASS
Trichloroethylene	ND	80.0 ug/g	0.29 ug/g	0.96 ug/g	PASS
Butanes (Sum of Butane and Isobutane)	0 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 ug/g	290.0 ug/g	N/A	N/A	PASS
Pentanes (Sum of Pentane, 2-Methylbutane, and Neopentane)	0 ug/g	5000.0 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-241219-009-01 - FRI, DEC 27, 2024

ISO

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
E. coli	ND CFU/g	Detection	1 CFU/g CFU/g	1 CFU/g CFU/g	PASS
Total Coliforms	ND CFU/g	N/A CFU/g	1 CFU/g CFU/g	1 CFU/g 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-241219-009-01 - FRI, DEC 27, 2024

ISO

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 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-241219-009-01 - FRI, DEC 27, 2024

ISO

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Total Aerobic Count	500 CFU/g	10000.0 CFU/g	1 CFU/g	1 CFU/g	PASS

SAUR

STAPHYLOCOCCUS AUREUS - PLATE

LAB-TM-062 - ENUMERATION OF STAPHYLOCOCCUS AUREUS IN FOODS AND DIETARY SUPPLEMENTS

SAUR-HEM-241219-009-01 - FRI, DEC 27, 2024

ISO

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
S. aureus	ND	Detection	1 CFU/g	1 CFU/g	PASS

HVMET

HEAVY METALS - 4

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

HVMET-HEM-241219-009-01 - FRI, DEC 27, 2024

ISO

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	ND	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-241219-009-01 - MON, DEC 30, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Total Yeast and Mold	ND	1000.0 CFU/g	1 CFU/g	1 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-241219-009-01 - FRI, DEC 27, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Abamectin	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Acephate	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Acequinocyl	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Acetamiprid	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Aldicarb	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Azoxystrobin	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Bifenazate	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Bifenthrin	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Boscalid	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Carbaryl	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Carbofuran	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Chlorantraniliprole	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Chlorpyrifos	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Clofentezine	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Coumaphos	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Cyfluthrin	ND	N/A	0.313 ug/g	0.625 ug/g	N/A
Cypermethrin	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Daminozide	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Diazinon	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Dichlorvos	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Dimethoate	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Dimethomorph	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Ethoprophos	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Etofenprox	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Etoxazole	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Fenhexamid	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Fenoxycarb	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Fenpyroximate	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Fipronil	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Flonicamid	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Fludioxonil	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Hexythiazox	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Imazalil	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Imidacloprid	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Kresoxim Methyl	ND	N/A	0.063 ug/g	0.125 ug/g	N/A



CAPLC

CHEMICAL RESIDUE - CA HEMP - LC/TQ
LAB-TM-105 - DETERMINATION OF CHEMICAL RESIDUE BY LC-TQ - CALIFORNIA RESIDUAL PESTICIDE LIST
CAPLC-HEM-241219-009-01 - FRI, DEC 27, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Malathion	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Metalaxyl	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Methiocarb	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Methomyl	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Mevinphos	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Myclobutanil	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Naled	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Oxamyl	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Paclobutrazol	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Permethrins (Sum of Cis- and Trans-Permethrin)	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Phosmet	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Piperonyl Butoxide	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Prallethrin	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Propiconazole	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Propoxur	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Pyrethrins (Sum of Cinerin 1, Jasmolin 1, and Pyrethrin 1)	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Pyridaben	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Spinetoram	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Spinosad	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Spiromesifen	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Spirotetramat	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Spiroxamine	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Tebuconazole	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Thiacloprid	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Thiamethoxam	ND	N/A	0.063 ug/g	0.125 ug/g	N/A
Trifloxystrobin	ND	N/A	0.063 ug/g	0.125 ug/g	N/A



CAPGC

CHEMICAL RESIDUE - CA HEMP - GC/TQ

LAB-TM-109 - DETERMINATION OF CHEMICAL RESIDUE BY GC-TQ - CALIFORNIA RESIDUAL PESTICIDE LIST

CAPGC-HEM-241219-009-01 - MON, DEC 30, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Captan	ND	N/A	0.030 ug/g	0.102 ug/g	N/A
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	N/A	0.014 ug/g	0.048 ug/g	N/A
Methyl Parathion	ND	N/A	0.008 ug/g	0.022 ug/g	N/A
Pentachloronitrobenzene	ND	N/A	0.012 ug/g	0.041 ug/g	N/A
Chlordane (Sum of -Cis, Trans)	ND	N/A			N/A

