



**Certificate of Analysis**  
Compliance Test

Client Information:

Batch # 24T1030401 Test Reg State: Colorado  
Batch Date: 2024-01-05  
Extracted From: Hemp

Order # EXT240108-030001 Sampling Date: 2024-01-11 Initial Gross Weight: 106.116 g Number of Units: 3  
Order Date: 2024-01-08 Lab Batch Date: 2024-01-11 Density: .964 g/ml Net Weight per Unit: 28920.000 mg  
Sample # AAFE557 Completion Date: 2024-01-15 Sampling Method: MSP 7.3.1



**Potency Tested** **Heavy Metals Passed** **Pesticides Passed** **Mycotoxins Passed** **Residual Solvents Passed**  
**Pathogenic Microbiology Passed** **Microbiology Petrifilm Passed**

**Potency 10**  
Specimen Weight: 105.200 mg

**Tested**  
SOP13.001 (LCUV)

**Potency Summary**

<b>Total Active THC</b> 0.071% 20.533 mg	<b>Total Active CBD</b> 3.663% 1,059.340 mg
<b>Total CBG</b> 0.065% 18.798 mg	<b>Total CBN</b> 0.016% 4.627 mg
<b>Other Cannabinoids</b> 0.094% 27.185 mg	<b>Total Cannabinoids</b> 3.909% 1,130.483 mg

Pieces For Panel: 1

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/ml)	(%)
CBD	10.000	5.40E-5	0.015	36.630	3.663
CBC	10.000	1.80E-5	0.015	0.940	0.094
Delta-9 THC	10.000	1.30E-5	0.015	0.710	0.071
CBG	10.000	2.48E-4	0.015	0.650	0.065
CBN	10.000	1.40E-5	0.015	0.160	0.016
CBDA	10.000	1.00E-5	0.015	<LOQ	<LOQ
CBDV	10.000	6.50E-5	0.015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.015	<LOQ	<LOQ
THCA-A	10.000	3.20E-5	0.015	<LOQ	<LOQ
THCV	10.000	7.00E-6	0.015	<LOQ	<LOQ
Total Active CBD	10.000			36.630	3.663
Total Active THC	10.000			0.710	0.071

NOTE: Total THC per 1ml = 0.710mg (Includes all THC)  
Total THC per 30ml = 21.3mg / Total THC per serving = 0.710mg / Total Servings = 30

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Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBDA \* 0.877), Total Active THC = THCA-A \* 0.877 + Delta 9 THC, Total THC = THCV + (THCVA \* 0.87), CBG Total = (CBGA \* 0.877) + CBG, CBN Total = (CBNA \* 0.877) + CBN, Total CBC = CBC + (CBCA \* 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Total THCP = Delta8-THCP + Delta9-THCP, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta8-THC + Delta9-THC + Total CBN + CBT + CBE + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate + Total THCP. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor, (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram, (µg/g) = Microgram per Gram, (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram, ACS uses simple acceptance criteria, Passed - Analyte/microbe is not detected or is at the level below the action limit per CO rule 6 CCR 1010-21, Failed - Analyte/microbe is at the level that equal or above the action limit per CO rule 6 CCR 1010-21 Sample not received via laboratory sampling, Pesticides Indicators: 1=Fl, LOD/LOQ/AL; 2= CO LOD/LOQ/AL; 3 = CO LOD/ACS CO LOQ

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**Pathogenic Microbiology - SE (MicroArray) - CO**  
Specimen Weight: 25.019 g

Dilution Factor: 1.000

Analyte	Action Limit (cfu/g)	Result (cfu/g)	Analyte	Action Limit (cfu/g)	Result (cfu/g)
Salmonella	25	Absence in 25g	STEC	25	Absence in 25g

**Passed**  
SOP13.019 (Micro Array)

**Microbiology (Petrifilm) - CO**  
Specimen Weight: 1003.200 mg

Dilution Factor: 1.000

Analyte	LOQ (cfu/g)	Action Limit (cfu/g)	Result (cfu/g)	Analyte	LOQ (cfu/g)	Action Limit (cfu/g)	Result (cfu/g)
Aerobic Bacteria	10	10000	<10	Yeast/Mold	10	1000	<10
Total Coliform	10	100	<10				

**Passed**  
SOP13.003 (Petrifilm)

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**Definitions are found on page 1**

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**Mycotoxins - CO** **Passed**  
Specimen Weight: 583.370 mg **SOP13.007 (LCMS)**

Dilution Factor: 2.570

Analyte	LOD (ppb)	LOQ (ppb)	Action Limit (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Limit (ppb)	Result (ppb)
Aflatoxin B1	3.7250E-1	2.5	5	<LOQ	Ochratoxin A	1.8997E-1	3.5	5	<LOQ
Aflatoxin Total		2.5	20	<LOQ					

**Heavy Metals - CO** **Passed**  
Specimen Weight: 249.330 mg **SOP13.051 (ICP-MS)**

Dilution Factor: 200.537

Analyte	LOD (ppb)	LOQ (ppb)	Action Limit (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Limit (ppb)	Result (ppb)
Arsenic (As)	4.83	100	1500	<LOQ	Lead (Pb)	0.58	100	500	<LOQ
Cadmium (Cd)	0.64	100	500	<LOQ	Mercury (Hg)	11.76	100	1500	<LOQ

**Residual Solvents - CO** **Passed**  
Specimen Weight: 306.500 mg **SOP13.039 (GCMS)**

Dilution Factor: 500.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Limit (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Limit (ppm)	Result (ppm)
Acetone	0.015	2.08	1000	<LOQ	Isopropyl alcohol	0.0048	1.39	1000	<LOQ
Benzene	0.0002	0.02	2	<LOQ	Methanol	0.0005	0.69	600	<LOQ
Butanes	0.4167	2.5	1000	<LOQ	Pentane	0.037	2.08	1000	<LOQ
Ethanol	0.0021	2.78	1000	<LOQ	Propane	0.031	5.83	1000	<LOQ
Ethyl Acetate	0.0012	1.11	1000	<LOQ	Toluene	0.0009	2.92	180	<LOQ
Heptane	0.0013	1.39	1000	<LOQ	Total Xylenes	0.0001	2.92	430	<LOQ
Hexane	0.068	1.17	60	<LOQ					

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