



**Certificate of Analysis**  
Compliance Test

Client Information:

**Extract Labs**

1399 Horizon Ave.  
Lafayette, CO 80026

Batch # 24FD1042003  
Batch Date: 2024-03-20  
Extracted From: Hemp

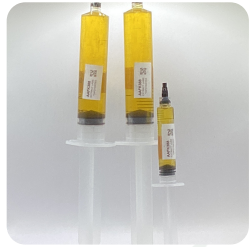
Test Reg State: Colorado

Order # EXT240320-010001  
Order Date: 2024-03-20  
Sample # AAFK388

Sampling Date: 2024-03-26  
Lab Batch Date: 2024-03-26  
Completion Date: 2024-04-01

Initial Gross Weight: 120.400 g  
Net Weight: 76.600 g

Number of Units: 3  
Net Weight per Unit: 25533.333 mg  
Sampling Method: MSP 7.3.1



Product Image

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

**Potency 10**

Specimen Weight: 508.800 mg

**Tested**

SOP13.001 (LCUV)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	Result (%)
CBD	50.000	5.40E-5	0.015	20.070	2.007
CBC	50.000	1.80E-5	0.015	0.790	0.079
Delta-9 THC	50.000	1.30E-5	0.015	0.470	0.047
CBG	50.000	2.48E-4	0.015	0.390	0.039
CBDA	50.000	1.00E-5	0.015	0.280	0.028
CBDV	50.000	6.50E-5	0.015	<LOQ	<LOQ
CBGA	50.000	8.00E-5	0.015	<LOQ	<LOQ
CBN	50.000	1.40E-5	0.015	<LOQ	<LOQ
THCA-A	50.000	3.20E-5	0.015	<LOQ	<LOQ
THCV	50.000	7.00E-6	0.015	<LOQ	<LOQ
Total Active CBD	50.000			20.316	2.032
Total Active THC	50.000			0.470	0.047

**Potency Summary**

<b>Total Active THC</b> 0.047%    12.001 mg	<b>Total Active CBD</b> 2.032%    518.724 mg
<b>Total CBG</b> 0.039%    9.958 mg	<b>Total CBN</b> None Detected
<b>Other Cannabinoids</b> 0.082%    21.05 mg	<b>Total Cannabinoids</b> 2.200%    561.733 mg

*Aixia Sun*  
Aixia Sun    Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), 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 = Delta6a10a-THC + Delta8-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

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard.



**Certificate of Analysis**  
Compliance Test

Client Information:

**Extract Labs**

1399 Horizon Ave.  
Lafayette, CO 80026

Batch # 24FD1042003  
Batch Date: 2024-03-20  
Extracted From: Hemp

Test Reg State: Colorado

Order # EXT240320-010001  
Order Date: 2024-03-20  
Sample # AAFK388

Sampling Date: 2024-03-26  
Lab Batch Date: 2024-03-26  
Completion Date: 2024-04-01

Initial Gross Weight: 120.400 g  
Net Weight: 76.600 g

Number of Units: 3  
Net Weight per Unit: 25533.333 mg  
Sampling Method: MSP 7.3.1

**Pathogenic Microbiology - SE (MicroArray) - CO**  
Specimen Weight: 25.431 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)

Aixia Sun Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard.





**Certificate of Analysis**  
Compliance Test

Client Information:

**Extract Labs**

1399 Horizon Ave.  
Lafayette, CO 80026

Batch # 24FD1042003  
Batch Date: 2024-03-20  
Extracted From: Hemp

Test Reg State: Colorado

Order # EXT240320-010001  
Order Date: 2024-03-20  
Sample # AAFK388

Sampling Date: 2024-03-26  
Lab Batch Date: 2024-03-26  
Completion Date: 2024-04-01

Initial Gross Weight: 120.400 g  
Net Weight: 76.600 g

Number of Units: 3  
Net Weight per Unit: 25533.333 mg  
Sampling Method: MSP 7.3.1

**Mycotoxins - CO**  
Specimen Weight: 580.600 mg

**Passed**  
SOP13.059 (LCMS)

Dilution Factor: 2.580

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**  
Specimen Weight: 250.700 mg

**Passed**  
SOP13.048 (ICP-MS)

Dilution Factor: 199.442

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**  
Specimen Weight: 306.100 mg

**Passed**  
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	NA	<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					

*Aixia Sun*  
Aixia Sun Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard.





**Certificate of Analysis**  
Compliance Test

Client Information:

**Extract Labs**

1399 Horizon Ave.  
Lafayette, CO 80026

Batch # 24FD1042003  
Batch Date: 2024-03-20  
Extracted From: Hemp

Test Reg State: Colorado

Order # EXT240320-010001  
Order Date: 2024-03-20  
Sample # AAFK388

Sampling Date: 2024-03-26  
Lab Batch Date: 2024-03-26  
Completion Date: 2024-04-01

Initial Gross Weight: 120.400 g  
Net Weight: 76.600 g

Number of Units: 3  
Net Weight per Unit: 25533.333 mg  
Sampling Method: MSP 7.3.1

**National Panel Pesticides**

Specimen Weight: 580.600 mg

**Passed**

SOP13.059 (LCMS/GCMS)

Dilution Factor: 2.580

Analyte	LOD (ppb)	LOQ (ppb)	Action Limit (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Limit (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Limit (ppb)	Result (ppb)
Abamectin <sup>1</sup>	0.435	9	300	<LOQ	Hexythiazox <sup>1</sup>	0.045	9.6	2000	<LOQ	Cyantraniliprole <sup>2</sup>	0.006004	9.6	10	<LOQ
Acephate <sup>1</sup>	0.467	9.6	3000	<LOQ	Imazalil <sup>1</sup>	0.639	9.6	100	<LOQ	Cyprodinil <sup>2</sup>	0.001141	9.6	10	<LOQ
Acequinocyl <sup>1</sup>	0.801	9.6	2000	<LOQ	Imidacloprid <sup>1</sup>	0.159	9.6	3000	<LOQ	Dinotefuran <sup>2</sup>	0.236975	9.6	50	<LOQ
Acetamiprid <sup>1</sup>	0.080	9.6	3000	<LOQ	Kresoxim Methyl <sup>1</sup>	0.268	9.6	1000	<LOQ	Endosulfan-alpha <sup>2</sup>	12.22	30	2500	<LOQ
Aldicarb <sup>1</sup>	0.124	9.6	100	<LOQ	Malathion <sup>1</sup>	0.410	9.6	2000	<LOQ	Endosulfan-beta <sup>2</sup>	22.76	30	2500	<LOQ
Azoxystrobin <sup>1</sup>	0.683	9.6	3000	<LOQ	Metalaxyl <sup>1</sup>	0.749	9.6	3000	<LOQ	Etridiazole <sup>2</sup>	4.02	9.6	150	<LOQ
Bifenazate <sup>1</sup>	0.121	9.6	3000	<LOQ	Methiocarb <sup>1</sup>	0.099	9.6	100	<LOQ	Fensulfthion <sup>2</sup>	0.000794	9.6	10	<LOQ
Bifenthrin <sup>1</sup>	0.082	9.6	500	<LOQ	Methomyl <sup>1</sup>	0.121	9.6	100	<LOQ	Fenthion <sup>2</sup>	4.911315	9.6	10	<LOQ
Boscalid <sup>1</sup>	0.153	9.6	3000	<LOQ	methyl-Parathion <sup>1</sup>	3.065	9.6	100	<LOQ	Fluopyram <sup>2</sup>	1.12E-9	9.6	10	<LOQ
Captan <sup>1</sup>	8.966	48	3000	<LOQ	Mevinphos <sup>1</sup>	1.370	9.6	100	<LOQ	Iprodione <sup>2</sup>	0.105543	9.6	500	<LOQ
Carbaryl <sup>1</sup>	0.118	9.6	500	<LOQ	Myclobutanil <sup>1</sup>	0.571	9.6	3000	<LOQ	Kinoprene <sup>2</sup>	3.4	441.6	1250	<LOQ
Carbofuran <sup>1</sup>	0.178	9.6	100	<LOQ	Naled <sup>1</sup>	0.083	9.6	500	<LOQ	Novaluron <sup>2</sup>	0.000205	9.6	25	<LOQ
Chlorantraniliprole <sup>1</sup>	0.052	9.6	3000	<LOQ	Oxamy <sup>1</sup>	0.123	9.6	500	<LOQ	Pirimicarb <sup>2</sup>	0.0000566	9.6	10	<LOQ
Chlordane <sup>1</sup>	3.121	9.6	100	<LOQ	Paclobutrazol <sup>1</sup>	0.123	9.6	100	<LOQ	Pyraclostrobin <sup>2</sup>	5.31E-7	9.6	10	<LOQ
Chlorfenapyr <sup>1</sup>	0.139	9.6	100	<LOQ	Permethrin <sup>1</sup>	0.718	9.6	1000	<LOQ	Resmethrin <sup>2</sup>	0.068013	9.6	50	<LOQ
Chlormequat Chloride <sup>1</sup>	0.783	9.6	3000	<LOQ	Phosmet <sup>1</sup>	0.301	9.6	200	<LOQ	Tebufenozide <sup>2</sup>	0.018121	9.6	10	<LOQ
Chlorpyrifos <sup>1</sup>	0.271	9.6	100	<LOQ	Piperonylbutoxide <sup>1</sup>	0.217	9.6	3000	<LOQ	Teflubenzuron <sup>2</sup>	0.01662	9.6	25	<LOQ
Clofentezine <sup>1</sup>	0.119	9.6	500	<LOQ	Prallethrin <sup>1</sup>	1.365	9.6	400	<LOQ	Tetrachlorvinphos <sup>2</sup>	0.839125	9.6	10	<LOQ
Coumaphos <sup>1</sup>	0.129	9.6	100	<LOQ	Propiconazole <sup>1</sup>	0.259	9.6	1000	<LOQ	Atrazine <sup>3</sup>	0.379918	9.6	9.6	<LOQ
Cyfluthrin <sup>1</sup>	7.730	48	1000	<LOQ	Propoxur <sup>1</sup>	0.147	9.6	100	<LOQ	Buprofezin <sup>3</sup>	1.66E-9	9.6	9.6	<LOQ
Cypermethrin <sup>1</sup>	0.887	9.6	1000	<LOQ	Pyrethrins <sup>1</sup>	0.256	1.4	1000	<LOQ	Deltamethrin <sup>3</sup>	0.492837	9.6	9.6	<LOQ
Daminozide <sup>1</sup>	1.797	9.6	100	<LOQ	Pyridaben <sup>1</sup>	0.059	9.6	3000	<LOQ	Diuron <sup>3</sup>	0.006862	9.6	9.6	<LOQ
Diazinon <sup>1</sup>	1.328	9.6	200	<LOQ	Spinetoram <sup>1</sup>	0.346	9.6	3000	<LOQ	Dodemorph <sup>3</sup>	6.47E-12	9.6	9.6	<LOQ
Dichlorvos <sup>1</sup>	0.465	9.6	100	<LOQ	Spinosad <sup>1</sup>	0.028	2.39	3000	<LOQ	Endosulfan sulfate <sup>3</sup>	0.88376	9.6	2500	<LOQ
Dimethoate <sup>1</sup>	0.366	9.6	100	<LOQ	Spiromesifen <sup>1</sup>	0.291	9.6	3000	<LOQ	Fenvalerate <sup>3</sup>	0.597752	9.6	9.6	<LOQ
Dimethomorph <sup>1</sup>	0.272	9.6	3000	<LOQ	Spirotetramat <sup>1</sup>	0.141	9.6	3000	<LOQ	Lambda Cyhalothrin <sup>3</sup>	0.116859	9.6	9.6	<LOQ
Ethoprofos <sup>1</sup>	0.192	9.6	100	<LOQ	Spiroxamine <sup>1</sup>	0.119	9.6	100	<LOQ	Methoprene <sup>3</sup>	1.148463	9.6	9.6	<LOQ
Etofenprox <sup>1</sup>	0.116	9.6	100	<LOQ	Tebuconazole <sup>1</sup>	1.48E-14	9.6	1000	<LOQ	MGK-264 <sup>3</sup>	0.002068	7.4	7.4	<LOQ
Etoxazole <sup>1</sup>	0.570	9.6	1500	<LOQ	Thiacloprid <sup>1</sup>	0.397	9.6	100	<LOQ	Pentachloronitrobenzen (Quintozene)	1.817	9.6	200	<LOQ
Fenhexamid <sup>1</sup>	1.011	9.6	3000	<LOQ	Thiamethoxam <sup>1</sup>	0.104	9.6	1000	<LOQ	Phenothrin <sup>3</sup>	0.000000212	9.6	9.6	<LOQ
Fenoxycarb <sup>1</sup>	0.169	9.6	100	<LOQ	Trifloxystrobin <sup>1</sup>	0.088	9.6	3000	<LOQ	Pyriproxyfen <sup>3</sup>	0.0000958	9.6	9.6	<LOQ
Fenpyroximate <sup>1</sup>	0.139	9.6	2000	<LOQ	Allethrin <sup>2</sup>	0.472436	9.6	100	<LOQ	Spirodiclofen <sup>3</sup>	0.373769	9.6	9.6	<LOQ
Fipronil <sup>1</sup>	0.605	9.6	100	<LOQ	Azadirachtin <sup>2</sup>	0.003071	9.6	500	<LOQ	Tetramethrin <sup>3</sup>	0.0000992	9.6	9.6	<LOQ
Fonicamid <sup>1</sup>	0.128	9.6	2000	<LOQ	Benzovindiflupyr <sup>2</sup>	0.012567	9.6	10	<LOQ	Thiabendazole <sup>3</sup>	0.001251	9.6	9.6	<LOQ
Fludioxonil <sup>1</sup>	0.521	9.6	3000	<LOQ	Clothianidin <sup>2</sup>	0.000399	9.6	25	<LOQ	Thiophanate-methyl <sup>3</sup>	0.000223	9.6	9.6	<LOQ

*Aixia Sun*  
Aixia Sun Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)

Definitions are found on page 1

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. ACS Laboratory is accredited to the ISO/IEC 17025:2017 Standard.

