



**Certificate of Analysis**  
Compliance Test

Client Information:

**Extract Labs**

1399 Horizon Ave.  
Lafayette, CO 80026

Batch # 23B1061304  
Batch Date: 2023-04-14  
Extracted From: Hemp

Test Reg State: Colorado

Order # EXT230418-010001  
Order Date: 2023-04-18  
Sample # AAEJ123

Sampling Date: 2023-04-22  
Lab Batch Date: 2023-04-22  
Completion Date: 2023-04-29

Initial Gross Weight: 111.865 g

Number of Units: 1  
Net Weight per Unit: 83631.090 mg  
Sampling Method: MSP 7.3.1



Product Image

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

**Potency 10**

Specimen Weight: 104.550 mg

**Tested**

SOP13.001 (LCUV)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	Result (%)
CBD	100.000	5.40E-5	0.001	22.430	2.243
Delta-9 THC	100.000	1.30E-5	0.1	1.110	0.111
CBC	100.000	1.80E-5	0.001	0.330	0.033
CBG	100.000	2.48E-4	0.001	0.250	0.025
CBDA	100.000	1.00E-5	0.001	<LOQ	<LOQ
CBDV	100.000	6.50E-5	0.001	<LOQ	<LOQ
CBGA	100.000	8.00E-5	0.001	<LOQ	<LOQ
CBN	100.000	1.40E-5	0.001	<LOQ	<LOQ
THCA-A	100.000	3.20E-5	0.1	<LOQ	<LOQ
THCV	100.000	7.00E-6	0.1	<LOQ	<LOQ
Total Active CBD	100.000			22.430	2.243
Total Active THC	100.000			1.110	0.111

**Potency Summary**

<b>Total Active THC</b> 0.111% 92.830mg	<b>Total Active CBD</b> 2.243% 1,875.850
<b>Total CBG</b> 0.025% 20.910mg	<b>Total CBN</b> None Detected
<b>Other Cannabinoids</b> 0.033% 27.600mg	<b>Total Cannabinoids</b> 2.412% 2,017.180

**Heavy Metals - CO**

Specimen Weight: 245.980 mg

**Passed**

SOP13.048 (ICP-MS)

Dilution Factor: 203.269									
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

*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 = THC + (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 THC + 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 (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram, Passed - Analyte/microbe is non-detected or at the level below the action limit, Failed - Analyte/microbe is at the level that equal or above the action limit, \*Measurement of Uncertainty = +/- 10%

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 # 23B1061304  
Batch Date: 2023-04-14  
Extracted From: Hemp

Test Reg State: Colorado

Order # EXT230418-010001  
Order Date: 2023-04-18  
Sample # AAEJ123

Sampling Date: 2023-04-22  
Lab Batch Date: 2023-04-22  
Completion Date: 2023-04-29

Initial Gross Weight: 111.865 g

Number of Units: 1  
Net Weight per Unit: 83631.090 mg  
Sampling Method: MSP 7.3.1

**Mycotoxins - CO**  
Specimen Weight: 539.200 mg

**Passed**  
SOP 14.003 (LCMS)

**Pathogenic SE (qPCR) - CO**  
Specimen Weight: 25.200 g

**Passed**  
SOP13.029  
(qPCR)

Dilution Factor: 2.780

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					

Dilution Factor: 1.000

Analyte	Action Limit (cfu/g)	Result (cfu/g)	Analyte	Action Limit (cfu/g)	Result (cfu/g)
E.Coli	Absent in 25g	Passed	Salmonella	Absent in 25g	Passed

**Residual Solvents - CO**  
Specimen Weight: 310.900 mg

**Passed**  
SOP13.056 (GCMS)

**Microbiology (Petrifilm) - CO**  
Specimen Weight: 993.000 mg

**Passed**  
SOP13.003  
(Petrifilm)

Dilution Factor: 5000.000

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					

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				

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 # 23B1061304  
Batch Date: 2023-04-14  
Extracted From: Hemp

Test Reg State: Colorado

Order # EXT230418-010001  
Order Date: 2023-04-18  
Sample # AAEJ123

Sampling Date: 2023-04-22  
Lab Batch Date: 2023-04-22  
Completion Date: 2023-04-29

Initial Gross Weight: 111.865 g

Number of Units: 1  
Net Weight per Unit: 83631.090 mg  
Sampling Method: MSP 7.3.1

**Pesticides - CO**

Specimen Weight: 539.200 mg

**Passed**

SOP 14.003 (LCMS/GCMS)

Dilution Factor: 2.780

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	3.1800E-4	250	250	<LOQ	Dodemorph	6.4700E-12	50	*	<LOQ	Naled	5.8500E-6	100	*	<LOQ
Acephate	3.9632E-2	50	50	<LOQ	Endosulfan sulfate	8.8376E-1	2500	2500	<LOQ	Novaluron	2.0500E-4	25	25	<LOQ
Acequinocyl	5.7646E-2	30	*	<LOQ	Endosulfan-alpha	1.2220E+1	2500	2500	<LOQ	Oxamyl	1.6190E-3	1500	1500	<LOQ
Acetamiprid	3.3800E-10	50	50	<LOQ	Endosulfan-beta	2.2760E+1	2500	2500	<LOQ	Paclobutrazol	6.9300E-8	10	10	<LOQ
Aldicarb	2.2744E-2	500	500	<LOQ	Ethoprophos	1.5900E-5	10	10	<LOQ	Pentachloronitrobenzen(Quintozene)	4.3900E+0	20	*	<LOQ
Allethrin	4.7244E-1	100	100	<LOQ	Etofenprox	8.3050E-3	50	*	<LOQ	Pemethrin	2.2089E-2	10	*	<LOQ
Atrazine	3.7992E-1	25	*	<LOQ	Etoxazole	8.3558E-1	20	*	<LOQ	Pemethrincis	5.8620E-3	10	*	<LOQ
Azadirachtin	3.0710E-3	500	500	<LOQ	Etridiazole	4.0200E+0	150	150	<LOQ	Pemethrintrans	1.6227E-2	10	*	18.084
Azoxystrobin	1.3247E-2	10	10	<LOQ	Fenhexamid	1.0947E+0	125	*	<LOQ	Phenothrin	2.1200E-7	50	*	<LOQ
Benzovindiflupyr	1.2567E-2	10	10	<LOQ	Fenoxycarb	3.4507E-1	10	10	<LOQ	Phosmet	9.6150E-3	20	*	<LOQ
Bifenazate	2.1700E-8	10	10	<LOQ	Fenpyroximate	4.4800E-7	20	*	<LOQ	Piperonylbutoxide	1.3400E-7	1250	1250	<LOQ
Bifenthrin	8.4200E-4	1000	*	<LOQ	Fensulfothion	7.9400E-4	10	10	<LOQ	Pirimicarb	5.6600E-5	10	10	<LOQ
Boscalid	4.3300E-6	10	10	<LOQ	Fenthion	4.9113E+0	10	10	<LOQ	Prallethrin	1.6732E-1	50	*	<LOQ
Buprofezin	1.6600E-9	20	*	<LOQ	Fenvalerate	5.9775E-1	100	*	<LOQ	Propiconazole	2.1300E-14	10	*	<LOQ
Carbaryl	1.3800E-5	25	25	<LOQ	Fipronil	2.8847E-2	10	10	<LOQ	Propoxur	3.5081E-1	10	10	<LOQ
Carbofuran	7.7600E-5	10	10	<LOQ	Fonicamid	6.9733E-2	25	25	<LOQ	Pyraclostrobin	5.3100E-7	10	10	<LOQ
Chlorantraniliprole	1.3559E-1	20	*	<LOQ	Fludioxonil	1.3402E-2	10	10	<LOQ	Pyrethrins	6.2350E-3	50	*	<LOQ
Chlorfenapyr	1.5370E+1	1500	1500	<LOQ	Fluopyram	1.1200E-9	10	10	<LOQ	Pyridaben	8.7500E-15	20	20	<LOQ
Chlorpyrifos	9.0900E-5	500	500	<LOQ	Hexythiazox	6.1900E-5	10	*	<LOQ	Pyriproxyfen	9.5800E-5	10	*	<LOQ
Clofentezine	3.7100E-7	10	10	<LOQ	Imazalil	2.9500E-4	10	10	<LOQ	Resmethrin	6.8013E-2	50	50	<LOQ
Clothianidin	3.9900E-4	25	25	<LOQ	Imidacloprid	1.5300E-4	10	10	<LOQ	Spinetoram	2.3645E-2	10	10	<LOQ
Coumaphos	9.8600E-5	10	10	<LOQ	Iprodione	1.0554E-1	500	500	<LOQ	Spinosad	5.9903E-1	10	10	<LOQ
Cyantraniliprole	6.0040E-3	10	10	<LOQ	Kinoprene	3.4000E+0	500	1250	<LOQ	Spirodiclofen	3.7377E+6	250	*	<LOQ
Cyfluthrin	2.8130E+1	200	*	<LOQ	Kresoxim Methyl	1.4500E-4	150	150	<LOQ	Spiromesifen	3.2183E-1	3000	*	<LOQ
Cypermethrin	1.1900E-6	300	*	<LOQ	Lambda Cyhalothrin	1.1686E-1	250	*	<LOQ	Spirotetramat	4.2760E-2	10	10	<LOQ
Cyprodinil	1.1410E-3	10	10	<LOQ	Malathion	1.3300E-4	10	10	<LOQ	Siproxamine	1.2172E+0	100	*	<LOQ
Daminozide	3.0408E-1	100	*	<LOQ	Metalaxyl	4.8600E-5	10	10	<LOQ	Tebuconazole	1.4800E-14	10	10	<LOQ
Deltamethrin	4.9284E-1	500	*	<LOQ	Methiocarb	2.2810E-3	10	10	<LOQ	Tebufenozide	1.8121E-2	10	10	<LOQ
Diazinon	3.9100E-10	20	*	<LOQ	Methomyl	1.1500E-6	25	25	<LOQ	Teflubenzuron	1.6620E-2	25	25	<LOQ
Dichlorvos	1.1406E+0	50	50	<LOQ	Methoprene	1.1485E+0	2000	*	<LOQ	Tetrachlorvinphos	8.3913E-1	10	10	<LOQ
Dimethoate	2.8400E-6	10	10	<LOQ	methyl-Parathion	4.2400E+0	50	*	<LOQ	Tetramethrin	9.9200E-5	100	*	<LOQ
Dimethomorph	1.5700E-4	50	*	<LOQ	Mevinphos	4.4200E-5	25	25	<LOQ	Thiabendazole	1.2510E-3	20	*	<LOQ
Dinotefuran	2.3697E-1	50	50	<LOQ	MGK-264	2.5880E-3	50	*	<LOQ	Thiacloprid	1.1200E-5	10	10	<LOQ
Diuron	6.8620E-3	125	*	<LOQ	Myclobutanil	7.0006E-1	10	10	<LOQ	Thiamethoxam	2.2500E-6	10	10	<LOQ
										Thiophanate-methyl	2.2300E-4	50	*	<LOQ
										Trifloxystrobin	2.1700E-13	10	10	<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.

