



Certificate of Analysis
Compliance Test

Client Information:

Extract Labs

1399 Horizon Ave.
Lafayette, CO 80026

Batch # 24T8101903
Batch Date: 2024-03-18
Extracted From: Hemp

Test Reg State: Colorado

Order # EXT240319-010001
Order Date: 2024-03-19
Sample # AAFK253

Sampling Date: 2024-03-22
Lab Batch Date: 2024-03-22
Completion Date: 2024-03-28

Initial Gross Weight: 108.100 g
Density: 1 g/ml

Number of Units: 3
Net Weight per Unit: 29574.000 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: 108.810 mg

Tested

SOP13.001 (LCUV)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/ml)	(%)
CBD	10.000	5.40E-5	0.015	32.120	3.212
CBN	10.000	1.40E-5	0.015	10.740	1.074
CBC	10.000	1.80E-5	0.015	2.040	0.204
Delta-9 THC	10.000	1.30E-5	0.015	0.710	0.071
CBDV	10.000	6.50E-5	0.015	0.390	0.039
CBG	10.000	2.48E-4	0.015	0.350	0.035
CBDA	10.000	1.00E-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			32.120	3.212
Total Active THC	10.000			0.710	0.071

Potency Summary

Total Active THC 0.071% 20.998 mg	Total Active CBD 3.212% 949.917 mg
Total CBG 0.035% 10.351 mg	Total CBN 1.074% 317.625 mg
Other Cannabinoids 0.243% 71.864 mg	Total Cannabinoids 4.635% 1,370.755 mg

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

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Pathogenic Microbiology - SE (MicroArray) - CO
Specimen Weight: 25.212 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: 991.300 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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Mycotoxins - CO
Specimen Weight: 590.100 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 2.540

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: 253.400 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 197.316

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: 307.900 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	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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Aixia Sun Lab Director/Principal Scientist
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National Panel Pesticides

Specimen Weight: 590.100 mg

Passed

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.540

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 ¹	0.435	9	300	<LOQ	Hexythiazox ¹	0.045	9.6	2000	<LOQ	Cyantraniliprole ²	0.006004	9.6	10	<LOQ
Acephate ¹	0.467	9.6	3000	<LOQ	Imazalil ¹	0.639	9.6	100	<LOQ	Cyprodinil ²	0.001141	9.6	10	<LOQ
Acequinocyl ¹	0.801	9.6	2000	<LOQ	Imidacloprid ¹	0.159	9.6	3000	<LOQ	Dinotefuran ²	0.236975	9.6	50	<LOQ
Acetamiprid ¹	0.080	9.6	3000	<LOQ	Kresoxim Methyl ¹	0.268	9.6	1000	<LOQ	Endosulfan-alpha ²	12.22	30	2500	<LOQ
Aldicarb ¹	0.124	9.6	100	<LOQ	Malathion ¹	0.410	9.6	2000	<LOQ	Endosulfan-beta ²	22.76	30	2500	<LOQ
Azoxystrobin ¹	0.683	9.6	3000	<LOQ	Metalaxyl ¹	0.749	9.6	3000	<LOQ	Etridiazole ²	4.02	9.6	150	<LOQ
Bifenazate ¹	0.121	9.6	3000	<LOQ	Methiocarb ¹	0.099	9.6	100	<LOQ	Fensulfthion ²	0.000794	9.6	10	<LOQ
Bifenthrin ¹	0.082	9.6	500	<LOQ	Methomyl ¹	0.121	9.6	100	<LOQ	Fenthion ²	4.911315	9.6	10	<LOQ
Boscalid ¹	0.153	9.6	3000	<LOQ	methyl-Parathion ¹	3.065	9.6	100	<LOQ	Fluopyram ²	1.12E-9	9.6	10	<LOQ
Captan ¹	8.966	48	3000	<LOQ	Mevinphos ¹	1.370	9.6	100	<LOQ	Iprodione ²	0.105543	9.6	500	<LOQ
Carbaryl ¹	0.118	9.6	500	<LOQ	Myclobutanil ¹	0.571	9.6	3000	<LOQ	Kinoprene ²	3.4	441.6	1250	<LOQ
Carbofuran ¹	0.178	9.6	100	<LOQ	Naled ¹	0.083	9.6	500	<LOQ	Novaluron ²	0.000205	9.6	25	<LOQ
Chlorantraniliprole ¹	0.052	9.6	3000	<LOQ	Oxamy ¹	0.123	9.6	500	<LOQ	Pirimicarb ²	0.0000566	9.6	10	<LOQ
Chlordane ¹	3.121	9.6	100	<LOQ	Paclobutrazol ¹	0.123	9.6	100	<LOQ	Pyraclostrobin ²	5.31E-7	9.6	10	<LOQ
Chlorfenapyr ¹	0.139	9.6	100	<LOQ	Permethrin ¹	0.718	9.6	1000	<LOQ	Resmethrin ²	0.068013	9.6	50	<LOQ
Chloromequat Chloride ¹	0.783	9.6	3000	<LOQ	Phosmet ¹	0.301	9.6	200	<LOQ	Tebufenozide ²	0.018121	9.6	10	<LOQ
Chlorpyrifos ¹	0.271	9.6	100	21.539	Piperonylbutoxide ¹	0.217	9.6	3000	<LOQ	Teflubenzuron ²	0.01662	9.6	25	<LOQ
Clofentazine ¹	0.119	9.6	500	<LOQ	Prallethrin ¹	1.365	9.6	400	<LOQ	Tetrachlorvinphos ²	0.839125	9.6	10	<LOQ
Coumaphos ¹	0.129	9.6	100	<LOQ	Propiconazole ¹	0.259	9.6	1000	<LOQ	Atrazine ³	0.379918	9.6	9.6	<LOQ
Cyfluthrin ¹	7.730	48	1000	<LOQ	Propoxur ¹	0.147	9.6	100	<LOQ	Buprofezin ³	1.66E-9	9.6	9.6	<LOQ
Cypermethrin ¹	0.887	9.6	1000	<LOQ	Pyrethrins ¹	0.256	1.4	1000	<LOQ	Deltamethrin ³	0.492837	9.6	9.6	<LOQ
Daminozide ¹	1.797	9.6	100	<LOQ	Pyridaben ¹	0.059	9.6	3000	<LOQ	Diuron ³	0.006862	9.6	9.6	<LOQ
Diazinon ¹	1.328	9.6	200	<LOQ	Spinetoram ¹	0.346	9.6	3000	<LOQ	Dodemorph ³	6.47E-12	9.6	9.6	<LOQ
Dichlorvos ¹	0.465	9.6	100	<LOQ	Spinosad ¹	0.028	2.39	3000	<LOQ	Endosulfan sulfate ³	0.88376	9.6	2500	<LOQ
Dimethoate ¹	0.366	9.6	100	<LOQ	Spiromesifen ¹	0.291	9.6	3000	<LOQ	Fenvalerate ³	0.597752	9.6	9.6	<LOQ
Dimethomorph ¹	0.272	9.6	3000	<LOQ	Spirotetramat ¹	0.141	9.6	3000	<LOQ	Lambda Cyhalothrin ³	0.116859	9.6	9.6	<LOQ
Ethoprofos ¹	0.192	9.6	100	<LOQ	Spiroxamine ¹	0.119	9.6	100	<LOQ	Methoprene ³	1.148463	9.6	9.6	<LOQ
Etofenprox ¹	0.116	9.6	100	<LOQ	Tebuconazole ¹	1.48E-14	9.6	1000	<LOQ	MGK-264 ³	0.002068	7.4	7.4	<LOQ
Etoxazole ¹	0.570	9.6	1500	<LOQ	Thiacloprid ¹	0.397	9.6	100	<LOQ	Pentachloronitrobenzen (Quintozene)	1.817	9.6	200	<LOQ
Fenhexamid ¹	1.011	9.6	3000	<LOQ	Thiamethoxam ¹	0.104	9.6	1000	<LOQ	Phenothrin ³	0.000000212	9.6	9.6	<LOQ
Fenoxycarb ¹	0.169	9.6	100	<LOQ	Trifloxystrobin ¹	0.088	9.6	3000	<LOQ	Pyriproxyfen ³	0.0000958	9.6	9.6	<LOQ
Fenpyroximate ¹	0.139	9.6	2000	<LOQ	Allethrin ²	0.472436	9.6	100	<LOQ	Spirodiclofen ³	0.373769	9.6	9.6	<LOQ
Fipronil ¹	0.605	9.6	100	<LOQ	Azadirachtin ²	0.003071	9.6	500	<LOQ	Tetramethrin ³	0.0000992	9.6	9.6	<LOQ
Fonicamid ¹	0.128	9.6	2000	<LOQ	Benzovindiflupyr ²	0.012567	9.6	10	<LOQ	Thiabendazole ³	0.001251	9.6	9.6	<LOQ
Fludioxonil ¹	0.521	9.6	3000	<LOQ	Clothianidin ²	0.000399	9.6	25	<LOQ	Thiophanate-methyl ³	0.000223	9.6	9.6	<LOQ

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