



Certificate of Analysis
Compliance Test

Client Information:

Extract Labs

1399 Horizon Ave.
Lafayette, CO 80026

Batch # 24G3010101
Batch Date: 2023-12-13
Extracted From: Hemp

Test Reg State: Colorado

Order # EXT231213-05001
Order Date: 2023-12-13
Sample # AAFD009

Sampling Date: 2023-12-19
Lab Batch Date: 2023-12-19
Completion Date: 2023-12-22

Initial Gross Weight: 106.400 g
Density: 0.974 g/ml
Volume: 1 ml



Product Image

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

Potency 10

Specimen Weight: 102.220 mg

Tested

SOP13.001 (LCUV)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/ml)	(%)
CBD	10.000	5.40E-5	0.015	65.112	6.685
CBC	10.000	1.80E-5	0.015	21.506	2.208
Delta-9 THC	10.000	1.30E-5	0.015	2.211	0.227
CBDV	10.000	6.50E-5	0.015	1.120	0.115
CBG	10.000	2.48E-4	0.015	0.711	0.073
CBN	10.000	1.40E-5	0.015	0.273	0.028
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			65.112	6.685
Total Active THC	10.000			2.211	0.227

Potency Summary

Total Active THC 0.227% 2.211 mg/ml	Total Active CBD 6.685% 65.112 mg/ml
Total CBG 0.073% 0.711 mg/ml	Total CBN 0.028% 0.273 mg/ml
Other Cannabinoids 2.323% 22.626 mg/ml	Total Cannabinoids 9.336% 90.933 mg/ml

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 = Delta6a10a-THC + Delta8-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, (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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Initial Gross Weight: 106.400 g
Density: 0.974 g/ml
Volume: 1 ml

Pathogenic Microbiology - SE (MicroArray) - CO

Specimen Weight: 25.683 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: 993.300 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)

Aixia Sun

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

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Initial Gross Weight: 106.400 g
Density: 0.974 g/ml
Volume: 1 ml

Mycotoxins - CO
Specimen Weight: 583.700 mg

Passed
SOP14.003 (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
Specimen Weight: 250.100 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 199.920

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: 319.000 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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National Panel Pesticides

Specimen Weight: 583.700 mg

Passed

SOP14.003 (LCMS/GCMS)

Dilution Factor: 2.570

Table with 14 columns: 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). Rows list various pesticides like Acephate, Acequinocyl, Acetamiprid, Aldicarb, Allethrin, Atrazine, Azadirachtin, Azoxystrobin, Benzovindiflupyr, Bifenazate, Bifenthrin, Boscalid, Buprofezin, Captan, Carbaryl, Carbofuran, Chlorantraniliprole, Chlordane, Chlorfenapyr, Chloromequat Chloride, Chlorpyrifos, Clofentezine, Clothianidin, Coumaphos, Cyantraniliprole, Cyfluthrin, Cypermethrin, Cyprodinil, Daminozide, Deltamethrin, Diazinon, Dichlorvos, Dimethoate, Dimethomorph, Dinotefuran, Diuron, Dodemorph, Endosulfan sulfate, Endosulfan-alpha, Endosulfan-beta, Ethoprophos, Etofenprox, Etoxazole, Etridiazole, Fenhexamid, Fenoxycarb, Fenpyroximate, Fensulfothion, Fenthion, Fenvalerate, Fipronil, Flonicamid, Fludioxonil, Fluopyram, Hexythiazox, Imazalil, Imidacloprid, Iprodione, Kinoprene, Kresoxim Methyl, Lambda Cyhalothrin, Malathion, Metalaxyl, Methiocarb, Methomyl, Methoprene, methyl-Parathion, Mevinphos, MGK-264, Myclobutanil, Naled, Novaluron, Oxamyl, Pacllobutrazol, Pentachloronitrobenzen, (Quintozene), Permethrin, Phenothrin, Phosmet, Piperonylbutoxide, Pirimicarb, Prallethrin, Propiconazole, Propoxur, Pyraclostrobin, Pyrethrins, Pyridaben, Pyriproxyfen, Resmethrin, Spinetoram, Spinosad, Spirodiclofen, Spiromesifen, Spirotetramat, Spiroxamine, Tebuconazole, Tebufenozide, Teflubenzuron, Tetrachlorvinphos, Tetramethrin, Thiabendazole, Thiachloprid, Thiamethoxam, Thiophanate-methyl, Trifloxystrobin.

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