



Certificate of Analysis
Compliance Test

Client Information:

Louisiana Hemp Extractors
2742 Oscar Rivette Rd
Arnaudville, Louisiana 70512

Batch # 24067D
Batch Date: 2024-03-08
Extracted From: Hemp

Test Reg State: Louisiana

Order # LOU240308-140001
Order Date: 2024-03-08
Sample # AAFJ332
Net Weight per Serving: 2916.167 mg

Sampling Date: 2024-03-12
Lab Batch Date: 2024-03-12
Completion Date: 2024-03-15
Serving Number: 20.00000

Initial Gross Weight: 22.997 g

Number of Units: 1
Net Weight per Package: 58323.340 mg
Sampling Method: MSP 7.3.1



Product Image

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

Potency 25 (LCUV)
Specimen Weight: 1523.500 mg

Tested
SOP13.001 (LCUV)

Potency Summary

Delta 9 THC per Serving 0.274% 7.99 mg	Total Active CBD per Serving 0.003% 0.0875 mg
Total CBG per Serving None Detected	Total CBN per Serving 0.005% 0.146 mg
Other Cannabinoids per Serving 0.293% 8.544 mg	Total Cannabinoids per Serving 0.575% 16.768 mg
Total Active CBD Per Package 0.003% 1.75 mg	Total Active THC per Serving 0.274% 7.99 mg
Total Active THC Per Package 0.274% 159.806 mg	Delta 9 THC per Package 0.274% 159.806 mg

Pieces For Panel: 6

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta9-THCP *	100.000	1.17E-5	0.0012	2.8590	0.2859
Delta-9 THCP	10.000	1.30E-5	0.0015	2.7400	0.2740
CBNA	10.000	9.50E-5	0.0015	0.0604	0.0060
Delta8-THCP *	10.000	3.75E-4	0.0015	0.0450	0.0045
CBD	10.000	5.40E-5	0.0015	0.0300	0.0030
Delta-8 THCV	10.000	4.00E-5	0.0015	0.0172	0.0017
CBC	10.000	1.80E-5	0.0015	<LOQ	<LOQ
CBCA	10.000	1.07E-4	0.0015	<LOQ	<LOQ
CBDA	10.000	1.00E-5	0.0015	<LOQ	<LOQ
CBDV	10.000	6.50E-5	0.0015	<LOQ	<LOQ
CBDVA	10.000	1.40E-5	0.0015	<LOQ	<LOQ
CBG	10.000	2.48E-4	0.0015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.0015	<LOQ	<LOQ
CBL	10.000	3.50E-5	0.0015	<LOQ	<LOQ
CBN	10.000	1.40E-5	0.0015	<LOQ	<LOQ
CBT	10.000	2.00E-4	0.0015	<LOQ	<LOQ
Delta-8 THC	10.000	2.60E-5	0.0015	<LOQ	<LOQ
Delta-8 THC-O Acetate	10.000	2.70E-5	0.003	<LOQ	<LOQ
Delta-9 THC-O Acetate	10.000	7.70E-5	0.003	<LOQ	<LOQ
Exo-THC	10.000	2.30E-4	0.0015	<LOQ	<LOQ
THCA-A	10.000	3.20E-5	0.0015	<LOQ	<LOQ
THCB *	10.000	1.80E-4	0.00195	<LOQ	<LOQ
THCH *	10.000	3.50E-4	0.00195	<LOQ	<LOQ
THCV	10.000	7.00E-6	0.0015	<LOQ	<LOQ
THCVA	10.000	4.70E-5	0.0015	<LOQ	<LOQ
Total Active CBD	10.000			0.030	0.003
Total Active THC	10.000			2.740	0.274

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Aixia Sun Lab Director/Principal Scientist
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Definitions and Abbreviations used in this report: Total Active CBD = CBD + [CBD-A * 0.877], *Total CBDV = CBDV + [CBDVA * 0.877], Total Delta-9 THC = Delta-9 THC + THCA, Total Active THC = Total Delta-9 THC + Delta-8-THC + Delta-10-THC + Delta-10-THC + Delta-8-THC-O-Acetate + THC-O-Acetate + Delta-10-THC-O-Acetate, Total THCV = THCV + (THCVA * 0.877), 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 = Delta-8-THCP + Delta-9-THCP, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta-8-THC + Delta-9-THC + Total CBN + CBT + CBE + Delta-8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta-10-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 LA rule R.S., 40:4(A)(13), R.S. 3:1483, R.S. 40:604. Failed - Analyte/microbe is at the level that equal or above the action limit per LA rule R.S., 40:4(A)(13), R.S. 3:1483, R.S. 40:604 Sample not received via laboratory sampling. *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. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization. The tests and/or calibrations marked with an "*" are not ISO/IEC 17025:2017 accredited test results.*



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Order # LOU240308-140001 Order Date: 2024-03-08 Sample # AAFJ332 Net Weight per Serving: 2916.167 mg	Sampling Date: 2024-03-12 Lab Batch Date: 2024-03-12 Completion Date: 2024-03-15 Serving Number: 20.00000	Initial Gross Weight: 22.997 g	Number of Units: 1 Net Weight per Package: 58323.340 mg Sampling Method: MSP 7.3.1

Microbiology TYM (Petrifilm/Plating) Specimen Weight: 1006.800 mg Dilution Factor: 1.000	Passed SOP13.003 (Petrifilm)	Pathogenic Microbiology - SE (MicroArray) Specimen Weight: 1034.400 mg Dilution Factor: 1.000	Passed SOP13.019 (Micro Array)	
Analyte	LOQ (cfu/g)	Result (cfu/g)	Analyte	Result (cfu/g)
Yeast/Mold	100	<100	Salmonella	Absence in 1g
			STEC E. Coli	Absence in 1g

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Heavy Metals - LA

Specimen Weight: 254.600 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 196.386

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
Arsenic (As)	.00483	0.1	10	<LOQ	Lead (Pb)	0.0058	0.1	10	<LOQ
Cadmium (Cd)	.00064	0.1	4.1	<LOQ	Mercury (Hg)	.01176	0.1	2	<LOQ



Residual Solvents - LA (CBD)

Specimen Weight: 312.300 mg

Passed
SOP13.039 (GCMS)

Dilution Factor: 50.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.0094	0.16	8	<LOQ	Heptane	0.0013	1.39	500	<LOQ
1,2-Dichloroethane	0.0003	0.04	5	<LOQ	Hexane	0.068	1.17	10	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.0048	1.39	500	<LOQ
Acetonitrile	0.06	1.17	410	<LOQ	Methanol	0.0005	0.69	3000	<LOQ
Benzene	0.0002	0.02	1	<LOQ	Methylene chloride	0.0029	2.43	600	<LOQ
Butanes	0.4167	2.5	800	<LOQ	Pentane	0.037	2.08	5000	<LOQ
Chloroform	0.0001	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethanol	0.0021	2.78	5000	1160.384	Toluene	0.0009	2.92	1	<LOQ
Ethyl Acetate	0.0012	1.11	5000	<LOQ	Total Xylenes	0.0001	2.92	1	<LOQ
Ethyl Ether	0.0049	1.39	5000	<LOQ	Trichloroethylene	0.0014	0.49	80	<LOQ
Ethylene Oxide	0.0038	0.1	5	<LOQ					

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Pesticides - LA

Specimen Weight: 615.600 mg

Passed

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.440

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
Abamectin	4.3500E-4	0.009	0.3	<LOQ	Hexythiazox	4.5000E-5	0.0096	2	<LOQ
Acephate	4.6700E-4	0.0096	5	<LOQ	Imazalil	6.3900E-4	0.0096	0	<LOQ
Acequinocyl	8.0100E-4	0.0096	4	<LOQ	Imidacloprid	1.5900E-4	0.0096	3	<LOQ
Acetamiprid	8.0000E-5	0.0096	5	<LOQ	Kresoxim Methyl	2.6800E-4	0.0096	1	<LOQ
Aldicarb	1.2400E-4	0.0096	0	<LOQ	Malathion	4.1000E-4	0.0096	5	<LOQ
Azoxystrobin	6.8300E-4	0.0096	40	<LOQ	Metaxyl	7.4900E-4	0.0096	15	<LOQ
Bifenazate	8.2000E-5	0.0096	5	<LOQ	Methiocarb	9.9000E-5	0.0096	0	<LOQ
Bifenthrin	1.2100E-4	0.0096	0.5	<LOQ	Methomyl	1.2100E-4	0.0096	0.1	<LOQ
Boscalid	1.5300E-4	0.0096	10	<LOQ	methyl-Parathion	3.0650E-3	0.0096	0	<LOQ
Captan	8.9660E-3	0.048	5	<LOQ	Mevinphos	1.3700E-3	0.0096	0	<LOQ
Carbaryl	1.1800E-4	0.0096	0.5	<LOQ	Myclobutanil	5.7100E-4	0.0096	9	<LOQ
Carbofuran	1.7800E-4	0.0096	0	<LOQ	Naled	8.3000E-5	0.0096	0.5	<LOQ
Chlorantraniliprole	5.2000E-5	0.0096	40	<LOQ	Oxamyl	1.2300E-4	0.0096	0.2	<LOQ
Chlorfenapyr	3.1210E-3	0.0096	0.1	<LOQ	Paclobutrazol	1.2300E-4	0.0096	0	<LOQ
Chlorpyrifos	2.7100E-4	0.0096	0	<LOQ	Pentachloronitrobenzen (Quintozene)	5.1400E-3	0.0096	0.2	<LOQ
Clofentezine	1.1900E-4	0.0096	0.5	<LOQ	Permethrin	7.1800E-4	0.0096	20	<LOQ
Coumaphos	1.2900E-4	0.0096	0	<LOQ	Phosmet	3.0100E-4	0.0096	0.2	<LOQ
Cyfluthrin	7.7300E-3	0.048	1	<LOQ	Piperonylbutoxide	2.1700E-4	0.0096	8	<LOQ
Cypermethrin	8.8700E-4	0.0096	1	<LOQ	Prallethrin	1.3650E-3	0.0096	0.4	<LOQ
Daminozide	1.7970E-3	0.0096	0	<LOQ	Propiconazole	2.5900E-4	0.0096	20	<LOQ
Diazinon	1.3280E-3	0.0096	0.2	<LOQ	Propoxur	1.4700E-4	0.0096	0	<LOQ
Dichlorvos	4.6500E-4	0.0096	0	<LOQ	Pyrethrins	2.5600E-4	0.0014	1	<LOQ
Dimethoate	3.6600E-4	0.0096	0	<LOQ	Pyridaben	5.9000E-5	0.0096	3	<LOQ
Dimethomorph	2.7200E-4	0.0096	20	<LOQ	Spinetoram	3.4600E-4	0.0096	3	<LOQ
Ethoprophos	1.9200E-4	0.0096	0	<LOQ	Spinosad	2.8000E-5	0.00239	3	<LOQ
Etofenprox	1.1600E-4	0.0096	0	<LOQ	Spiromesifen	2.9100E-4	0.0096	12	<LOQ
Etoxazole	5.7000E-4	0.0096	1.5	<LOQ	Spirotetramat	1.4100E-4	0.0096	13	<LOQ
Fenhexamid	1.0110E-3	0.0096	10	<LOQ	Spiroxamine	1.1900E-4	0.0096	0	<LOQ
Fenoxycarb	1.6900E-4	0.0096	0	<LOQ	Tebuconazole	1.3400E-4	0.0096	2	<LOQ
Fenpyroximate	1.3900E-4	0.0096	2	<LOQ	Thiacloprid	3.9700E-4	0.0096	0	<LOQ
Fipronil	6.0500E-4	0.0096	0.1	<LOQ	Thiamethoxam	1.0400E-4	0.0096	4.5	<LOQ
Flonicamid	1.2800E-4	0.0096	2	<LOQ	Trifloxystrobin	8.8000E-5	0.0096	30	<LOQ
Fludioxonil	5.2100E-4	0.0096	30	<LOQ					

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