



Certificate of Analysis

R&D

Client Information:

CYPRESS HEMP LLC
10771 Perkins Rd
Suite A
BATON ROUGE, LA 70810

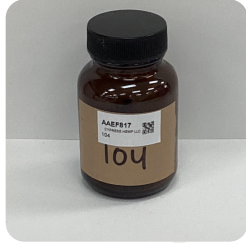
Batch # 104
Batch Date: 2023-03-01
Extracted From: Hemp

Test Reg State: Oregon

Order # CYP230316-090001
Order Date: 2023-03-16
Sample # AAEF817

Sampling Date: 2023-03-21
Lab Batch Date: 2023-03-21
Completion Date: 2023-03-24

Initial Gross Weight: 76.469 g



Product Image



**Potency
Tested**

**HHCP
Tested**

**Delta 8/Delta 10 Potency 13 -
(LCUV)**

Specimen Weight: 204.900 mg

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBGA	8.00E-5	0.0015	80.800	8.080
CBDA	1.00E-5	0.0015	68.780	6.878
CBD	5.40E-5	0.0015	15.220	1.522
CBG	2.48E-4	0.0015	8.810	0.881
CBN	1.40E-5	0.0015	3.580	0.358
CBC	1.80E-5	0.0015	2.130	0.213
Delta-8 THC	2.60E-5	0.0015	1.900	0.190
Delta-9 THC	1.30E-5	0.1	1.720	0.172
THCA-A	3.20E-5	0.0015	1.650	0.165
CBDV	6.50E-5	0.0015	<LOQ	<LOQ
Delta-10 THC	3.00E-6	0.0015	<LOQ	<LOQ
Delta6a10a-THC	8.47E-5	0.0015	<LOQ	<LOQ
THCV	7.00E-6	0.0015	<LOQ	<LOQ
Total Active CBD			75.540	7.554
Total Active THC			3.170	0.317

Tested

SOP13.052 (LCUV)



Potency Summary

Total Delta 8 0.190%	Total Delta 10 None Detected
Total HHC 2.168%	Total Active THC at Dry Weight 0.317%
Total Active CBD at Dry Weight 7.554%	Total CBG 7.967%
Total CBN 0.358%	Other Cannabinoids 0.213%
Total Cannabinoids 18.767%	

Summary results above show the dry weight concentration

HHCP

Specimen Weight: 204.900 mg

Dilution Factor: 7500.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.1100E-7	7.5E-5	13.2000	1.32	9(S)-HHCP	2.5500E-6	7.5E-5	<LOQ	<LOQ
(9S)-HHC	8.7400E-7	7.5E-5	6.5400	0.654	Delta-9 THC	2.8000E-5	7.5E-5	1.7200	0.172
(±)-9β-hydroxy-HHC	4.5800E-7	7.5E-5	1.9400	0.194	Total HHC			21.6800	2.168
9(R)-HHCP	3.0900E-6	7.5E-5	<LOQ	<LOQ					

Tested

SOP13.050 (LCMS)

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



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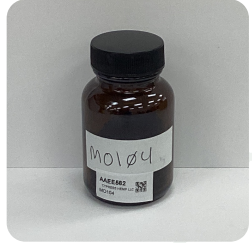
Batch # M0104
Batch Date: 2023-03-07
Extracted From: Hemp

Test Reg State: Oregon

Order # CYP230307-080001
Order Date: 2023-03-07
Sample # AAE562

Sampling Date: 2023-03-09
Lab Batch Date: 2023-03-09
Completion Date: 2023-03-13

Initial Gross Weight: 76.426 g



Product Image

Pathogenic S Tested

Microbiology Petrifilm Passed

Microbiology (Petrifilm)
Specimen Weight: 991.300 mg

Passed
SOP13.003
(Petrifilm)

Dilution Factor: 1.000

Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)	Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Aerobic Bacteria	1000	10000	<1000	Total Enterobacteriaceae	100	1000	<100
E. Coli / Coliform	100	100	<100	Yeast/Mold	100	1000	<100

Pathogenic S (qPCR)
Specimen Weight: 270.250 mg

Tested
SOP13.029
(qPCR)

Dilution Factor: 1.000

Analyte	Result (cfu/g)
Salmonella	Absence in 1g

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



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Client Information:

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Batch # MPS104
Batch Date: 2023-03-07
Extracted From: Hemp

Test Reg State: Oregon

Order # CYP230307-080001
Order Date: 2023-03-07
Sample # AAE566

Sampling Date: 2023-03-09
Lab Batch Date: 2023-03-09
Completion Date: 2023-03-14

Initial Gross Weight: 79.133 g



Product Image

H Heavy Metals Passed **P Pesticides Passed** **R Residual Solvents Passed**

Residual Solvents - FL (CBD) **Passed**
Specimen Weight: 12.400 mg **SOP13.039 (GCMS)**

Dilution Factor: 1.000

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	5000	<LOQ
1,2-Dichloroethane	0.0003	0.04	5	<LOQ	Hexane	0.068	1.17	290	<LOQ
Acetone	0.015	2.08	5000	46.223	Isopropyl alcohol	0.0048	1.39	500	<LOQ
Acetonitrile	0.06	1.17	410	<LOQ	Methanol	0.0005	0.69	3000	34.857
Benzene	0.0002	0.02	2	<LOQ	Methylene chloride	0.0029	2.43	600	<LOQ
Butanes	0.4167	2.5	2000	<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	<LOQ	Toluene	0.0009	2.92	890	<LOQ
Ethyl Acetate	0.0012	1.11	5000	<LOQ	Total Xylenes	0.0001	2.92	2170	<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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Batch # MPS104
Batch Date: 2023-03-07
Extracted From: Hemp

Test Reg State: Oregon

Order # CYP230307-080001
Order Date: 2023-03-07
Sample # AAEE566

Sampling Date: 2023-03-09
Lab Batch Date: 2023-03-09
Completion Date: 2023-03-14

Initial Gross Weight: 79.133 g

Pesticides

Specimen Weight: 257.700 mg

Dilution Factor: 5.820

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	2.8800E-1	28.23	300	<LOQ	Imazalil	2.4800E-1	30	100	<LOQ
Acephate	2.3000E-2	30	3000	<LOQ	Imidacloprid	9.4000E-2	30	3000	<LOQ
Acequinocyl	9.5640E+0	48	2000	<LOQ	Kresoxim Methyl	4.2000E-2	30	1000	<LOQ
Acetamiprid	5.2000E-2	30	3000	<LOQ	Malathion	8.2000E-2	30	2000	<LOQ
Aldicarb	2.6000E-2	30	100	<LOQ	Metalaxyl	8.1000E-2	10	3000	<LOQ
Azoxystrobin	8.1000E-2	10	3000	<LOQ	Methiocarb	3.2000E-2	30	100	<LOQ
Bifenazate	1.4150E+0	30	3000	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Bifenthrin	4.3000E-2	30	500	<LOQ	Mevinphos	2.1500E+0	30	100	<LOQ
Carbaryl	2.2000E-2	10	500	<LOQ	Myclobutanil	1.0290E+0	30	3000	<LOQ
Chlorfenapyr	8.0000E-2	48	100	<LOQ	Naled	9.5000E-2	30	500	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Clofentezine	1.1900E-1	30	500	<LOQ	Pacllobutrazol	6.5000E-2	30	100	<LOQ
Coumaphos	3.7700E+0	30	100	<LOQ	Parathion-methyl	1.7100E+0	48	100	<LOQ
Cyfluthrin	3.1100E+0	30	1000	<LOQ	Pentachloronitrobenzene	1.3200E+0	30	200	<LOQ
Cypermethrin	1.4490E+0	30	1000	<LOQ	Permethrin	3.4300E-1	30	1000	<LOQ
Daminozide	8.8500E-1	30	100	<LOQ	Phosmet	8.2000E-2	30	200	<LOQ
Diazinon	4.4000E-2	30	200	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Prallethrin	7.9800E-1	30	400	<LOQ
Dimethoate	2.1000E-2	30	100	<LOQ	Propiconazole	7.0000E-2	30	1000	<LOQ
Dimethomorph	5.8300E+0	30	3000	<LOQ	Propoxur	4.6000E-2	30	100	<LOQ
Ethoprophos	3.6000E-1	30	100	<LOQ	Pyrethrins	2.3593E+1	30	1000	<LOQ
Etofenprox	1.1600E-1	30	100	<LOQ	Pyridaben	3.2000E-2	30	3000	<LOQ
Etoxazole	9.5000E-2	30	1500	<LOQ	Spinetoram	8.0000E-2	30	3000	<LOQ
Fenhexamid	5.1000E-1	30	3000	<LOQ	Spiromesifen	2.6100E-1	30	3000	<LOQ
Fenoxycarb	1.0700E-1	30	100	<LOQ	Spirotetramat	8.9000E-2	30	3000	<LOQ
Fenpyroximate	1.3800E-1	30	2000	<LOQ	Spiroxamine	1.3100E-1	30	100	<LOQ
Fipronil	1.0700E-1	30	100	<LOQ	Tebuconazole	6.7000E-2	30	1000	<LOQ
Flonicamid	5.1700E-1	30	2000	<LOQ	Thiacloprid	6.4000E-2	30	100	<LOQ
Fludioxonil	1.7400E+0	30	3000	<LOQ	Thiamethoxam	5.0000E-2	30	1000	<LOQ
Hexythiazox	4.9000E-2	30	2000	<LOQ	Trifloxystrobin	3.7000E-2	30	3000	<LOQ

Passed

SOP13.007
(LCMS/GCMS)

Heavy Metals

Specimen Weight: 251.400 mg

Dilution Factor: 198

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.83	100	1500	230.000	Lead (Pb)	11.76	100	500	287.000
Cadmium (Cd)	.64	100	500	<LOQ	Mercury (Hg)	.58	100	3000	<LOQ

Passed

SOP13.048 (ICP-MS)

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

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