



Pet Tincture
Sample Matrix:
CBD/HEMP
Edibles
(Ingestion)



DEA No. RA0571996
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

OLEY HEMP
4892 SW GEM LANE
CULVER, OREGON 97734

Batch # 0615221
Batch Date: 2022-06-15
Extracted From: Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Production Facility: Oley Hemp, Culver
Oregon
Production Date: 2022-06-15

Order # OLE220622-010001
Order Date: 2022-06-22
Sample # AACZ922

Sampling Date: 2022-06-27
Lab Batch Date: 2022-06-27
Completion Date: 2022-07-09

Initial Gross Weight: 79.416 g
Net Weight: 28.436 g
Density: 0.974 g/ml

Number of Units: 1
Net Weight per Unit: 28436.000 mg



Product Image

Potency Tested	Terpenes Tested	Heavy Metals Passed	Mycotoxins Passed	Pesticides Passed
Residual Solvents Passed	Pathogenic Microbiology Passed	Listeria Monocytogenes Passed	Staphylococcus Aureus Passed	Microbiology (qPCR) Passed

Potency 10 **Tested**
Specimen Weight: 87.350 mg SOP13.001 (LCUV)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/ml)	(%)
CBD	100.000	5.40E-5	0.002	32.740	3.361
CBDV	10.000	6.50E-5	0.002	0.220	0.023
CBC	10.000	1.80E-5	0.002		<LOQ
THCA	10.000	3.20E-5	0.002		<LOQ
Delta-9 THC	10.000	1.30E-5	0.002		<LOQ
CBN	10.000	1.40E-5	0.002		<LOQ
CBGA	10.000	8.00E-5	0.002		<LOQ
CBG	10.000	2.48E-4	0.002		<LOQ
CBDA	10.000	1.00E-5	0.002		<LOQ
THCV	10.000	7.00E-6	0.002		<LOQ

Potency Summary

Total THC None Detected	Total CBD 955.730mg
Total CBG None Detected	Total CBN None Detected
Other Cannabinoids 0.023%	Total Cannabinoids 962.270mg

Terpenes Summary

Analyte	Result (mg/g)	(%)
trans-Caryophyllene	1.14	0.114%
beta-Pinene	0.89	0.089%

Total Terpenes: 0.203%

Detailed Terpenes Analysis is on the following page

Xueli Gao
Xueli Gao Lab Toxicologist
Ph.D., DABT

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



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Terpenes

Specimen Weight: 87.350 mg

Tested
SOP13.045 (GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
trans-Caryophyllene	0.002	1.140	0.114	Fenchyl Alcohol	0.002	<LOQ	<LOQ
beta-Pinene	0.002	0.890	0.089	(R)-(+)-Limonene	0.002	<LOQ	<LOQ
(+)-Cedrol	0.002	<LOQ	<LOQ	alpha-Terpinene	0.002	<LOQ	<LOQ
Geranyl acetate	0.002	<LOQ	<LOQ	3-Carene	0.002	<LOQ	<LOQ
Guaiol	0.002	<LOQ	<LOQ	alpha-Bisabolol	0.002	<LOQ	<LOQ
Hexahydrothymol	0.002	<LOQ	<LOQ	alpha-Cedrene	0.002	<LOQ	<LOQ
Isoborneol	0.002	<LOQ	<LOQ	alpha-Humulene	0.002	<LOQ	<LOQ
Isopulegol	0.002	<LOQ	<LOQ	alpha-Phellandrene	0.002	<LOQ	<LOQ
Linalool	0.002	<LOQ	<LOQ	alpha-Pinene	0.002	<LOQ	<LOQ
Nerol	0.002	<LOQ	<LOQ	beta-Myrcene	0.002	<LOQ	<LOQ
Ocimene	0.000	<LOQ	<LOQ	Fenchone	0.002	<LOQ	<LOQ
Gamma-Terpinene	0.002	<LOQ	<LOQ	Borneol	0.004	<LOQ	<LOQ
Pulegone	0.002	<LOQ	<LOQ	Camphene	0.002	<LOQ	<LOQ
Sabinene	0.002	<LOQ	<LOQ	Camphors	0.006	<LOQ	<LOQ
Sabinene Hydrate	0.002	<LOQ	<LOQ	Caryophyllene oxide	0.002	<LOQ	<LOQ
Terpinolene	0.002	<LOQ	<LOQ	cis-Nerolidol	0.002	<LOQ	<LOQ
Total Terpeneol	0.001	<LOQ	<LOQ	Eucalyptol	0.002	<LOQ	<LOQ
trans-Nerolidol	0.002	<LOQ	<LOQ	Farnesene	0.002	<LOQ	<LOQ
Geraniol	0.002	<LOQ	<LOQ	Valencene	0.002	<LOQ	<LOQ

Total Terpenes: 0.203%

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Number of Units: 1
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Pesticides FL V4 **Passed**
Specimen Weight: 255.900 mg SOP13.007 (LCMS/GCMS)

Dilution Factor: 5.860

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result
Abamectin	2.8800E-1	28.23	300	<LOQ	Fludioxonil	1.7400E+0	48	3000	<LOQ
Acephate	2.3000E-2	30	3000	<LOQ	Hexythiazox	4.9000E-2	30	2000	<LOQ
Acequinocyl	9.5640E+0	48	2000	<LOQ	Imazail	2.4800E-1	30	100	<LOQ
Acetamiprid	5.2000E-2	30	3000	<LOQ	Imidacloprid	9.4000E-2	30	3000	<LOQ
Aldicarb	2.6000E-2	30	100	<LOQ	Kresoxim Methyl	4.2000E-2	30	1000	<LOQ
Azoxystrobin	8.1000E-2	10	3000	<LOQ	Malathion	8.2000E-2	30	2000	<LOQ
Bifenazate	1.4150E+0	30	3000	<LOQ	Metaxyl	8.1000E-2	10	3000	<LOQ
Bifenthrin	4.3000E-2	30	500	<LOQ	Methiocarb	3.2000E-2	30	100	<LOQ
Boscalid	5.5000E-2	10	3000	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Captan	6.1200E+0	30	3000	<LOQ	methyl-Parathion	1.7100E+0	10	100	<LOQ
Carbaryl	2.2000E-2	10	500	<LOQ	Mevinphos	2.1500E+0	10	100	<LOQ
Carbofuran	3.4000E-2	10	100	<LOQ	Myclobutanil	1.0290E+0	30	3000	<LOQ
Chlorantraniliprole	3.3000E-2	10	3000	<LOQ	Naled	9.5000E-2	30	500	<LOQ
Chlordane	1.0000E+1	10	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Chlorfenapyr	3.4000E-2	30	100	<LOQ	Pacloubtrazol	6.5000E-2	30	100	<LOQ
Chlomequat Chloride	1.0800E-1	10	3000	<LOQ	Pentachloronitrobenzene	1.3200E+0	10	200	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Permethrin	3.4300E-1	30	1000	<LOQ
Clofentezine	1.1900E-1	30	500	<LOQ	Phosmet	8.2000E-2	30	200	<LOQ
Coumaphos	3.7700E+0	48	100	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Cyfluthrin	3.1100E+0	30	1000	<LOQ	Prallethrin	7.9800E-1	30	400	<LOQ
Cypermethrin	1.4490E+0	30	1000	<LOQ	Propiconazole	7.0000E-2	30	1000	<LOQ
Daminozide	8.8500E-1	30	100	<LOQ	Propoxur	4.6000E-2	30	100	<LOQ
Diazinon	4.4000E-2	30	200	<LOQ	Pyrethrins	2.3593E+1	30	1000	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Pyridaben	3.2000E-2	30	3000	<LOQ
Dimethoate	2.1000E-2	30	100	<LOQ	Spinetoram	8.0000E-2	10	3000	<LOQ
Dimethomorph	5.8300E+0	48	3000	<LOQ	Spinosad	8.8000E-2	30	3000	<LOQ
Ethoprophos	3.6000E-1	30	100	<LOQ	Spiromesifen	2.6100E-1	30	3000	<LOQ
Etofenprox	1.1600E-1	30	100	<LOQ	Spirotetramat	8.9000E-2	30	3000	<LOQ
Etoxazole	9.5000E-2	30	1500	<LOQ	Spiroxamine	1.3100E-1	30	100	<LOQ
Fenhexamid	5.1000E-1	10	3000	<LOQ	Tebuconazole	6.7000E-2	30	1000	<LOQ
Fenoxycarb	1.0700E-1	30	100	<LOQ	Thiacloprid	6.4000E-2	30	100	<LOQ
Fenpyroximate	1.3800E-1	30	2000	<LOQ	Thiamethoxam	5.0000E-2	30	1000	<LOQ
Fipronil	1.0700E-1	30	100	<LOQ	Trifloxystrobin	3.7000E-2	30	3000	<LOQ
Fonicamid	5.1700E-1	30	2000	<LOQ					

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Residual Solvents - FL (CBD) Passed

SOP13.039 (GCMS)

Specimen Weight: 230.600 mg

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	5000	<LOQ
1,2-Dichloroethane	0.0003	0.04	5	<LOQ	Hexane	0.068	1.17	290	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.0048	1.39	500	136.901
Acetonitrile	0.06	1.17	410	<LOQ	Methanol	0.0005	0.69	3000	<LOQ
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					

Mycotoxins Passed

SOP13.007 (LCMS)

Heavy Metals Passed

SOP13.048 (ICP-MS)

Specimen Weight: 255.900 mg

Specimen Weight: 246.760 mg

Dilution Factor: 5.860

Dilution Factor: 202

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	3.0400E-1	6	20	<LOQ	Aflatoxin G2	2.7100E-1	6	20	<LOQ	Arsenic (As)	4.83	100	1500	<LOQ
Aflatoxin B2	7.7000E-2	6	20	<LOQ	Ochratoxin A	7.5400E-1	12	20	<LOQ	Cadmium (Cd)	.64	100	500	<LOQ
Aflatoxin G1	3.0400E-1	6	20	<LOQ						Lead (Pb)	11.76	100	500	<LOQ
										Mercury (Hg)	.58	100	3000	<LOQ

Pathogenic Microbiology SAE (MicroArray) Passed

SOP13.019 (Micro Array)

Microbiology (qPCR) Passed

SOP13.017 (qPCR)

Specimen Weight: 1012.900 mg

Specimen Weight: 243.900 mg

Dilution Factor: 1.000

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)	Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	Aspergillus terreus	Absence in 1g	Total Aerobic Count	Not Detected	Total Enterobacteriaceae	Not Detected
Aspergillus fumigatus	Absence in 1g	Salmonella	Absence in 1g	Total Coliform	Not Detected	Total Yeast/Mold	Not Detected
Aspergillus niger	Absence in 1g	STEC E. Coli	Absence in 1g				

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Listeria Monocytogenes

Passed

Specimen Weight: 992.200 mg

SOP13.010 (qPCR)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result
Listeria Monocytogenes	1	Absence in 1g



Staphylococcus Aureus

Passed

Specimen Weight: 252.500 mg

SOP13.010 (qPCR)

Dilution Factor: 1.000

Analyte	Result
Staphylococcus aureus	Absence

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Lab Toxicologist
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