



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

# Certificate of Analysis

## Compliance Test

### COVERT

ASHEVILLE, NC 28801

Batch # PRD8OPP0522  
Batch Date: 2022-05-09  
Extracted From: Hemp

Sampling Method: MSP 7.3.1  
Test Reg State: Florida

Order # COV220509-040001  
Order Date: 2022-05-09  
Sample # AACU632

Sampling Date: 2022-05-15  
Lab Batch Date: 2022-05-15  
Completion Date: 2022-05-19

Initial Gross Weight: 29.209 g  
Net Weight: 14.209 g

Number of Units: 5  
Net Weight per Unit: 2000.000 mg



<b>Acetic Anhydride</b> Tested	<b>Potency</b> Tested	<b>Terpenes</b> Tested	<b>Heavy Metals</b> Passed	<b>Mycotoxins</b> Passed
<b>Pesticides</b> Passed	<b>Residual Solvents</b> Passed	<b>Listeria Monocytogenes</b> Passed	<b>Pathogenic</b> Passed	

Product Image

### Potency 21 (LCUV)

Specimen Weight: 196.650 mg

Tested (LCUV)

Pieces For Panel: 2

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBDA	1500.000	0.00001	0.0015	126.0000	12.6000
Delta-8 THC	1500.000	0.000026	0.0015	72.7600	7.2760
CBD	1500.000	0.000054	0.0015	36.7100	3.6710
Delta-8 THC-O Acetate	150.000	0.000027	0.0003	31.5600	3.1560
CBCA	15.000	0.000107	0.0015	5.4450	0.5445
CBGA	15.000	0.000008	0.0015	3.3510	0.3351
THCA	15.000	0.000032	0.0015	2.7180	0.2718
CBC	15.000	0.000018	0.0015	2.6630	0.2663
CBNA	15.000	0.000095	0.0015	2.2340	0.2234
Delta-9 THC-O Acetate	15.000	0.000077	0.0003	1.3470	0.1347
CBG	15.000	0.000248	0.0015	1.1740	0.1174
CBT	15.000	0.0002	0.0015	1.0850	0.1085
CBN	15.000	0.000014	0.0015	0.6710	0.0671
CBDVA	15.000	0.000014	0.0015	0.6590	0.0659
CBL	15.000	0.000035	0.0015	0.1810	0.0181
Delta-8 THCV	15.000	0.000004	0.0015	<LOQ	<LOQ
THCVA	15.000	0.000047	0.0015	<LOQ	<LOQ
THCV	15.000	0.000007	0.0015	<LOQ	<LOQ
Exo-THC	15.000	0.00023	0.0015	<LOQ	<LOQ
CBDV	15.000	0.000065	0.0015	<LOQ	<LOQ
Delta-9 THC	15.000	0.000013	0.0015	<LOQ	<LOQ

### Potency Summary

<b>Total THC</b> 0.238% 4.760mg	<b>Total CBD</b> 14.721% 294.420mg
<b>Total CBG</b> 0.411% 8.220mg	<b>Total CBN</b> 0.263% 5.260mg
<b>Other Cannabinoids</b> 11.494% 229.880mg	<b>Total Cannabinoids</b> 27.128% 542.560mg

### Terpenes Summary

Analyte	Result (mg/g)	(%)
trans-Caryophyllene	3.337	0.334%
alpha-Bisabolol	2.129	0.213%
Farnesene	2.076	0.208%
Terpinolene	1.087	0.109%
alpha-Humulene	1.048	0.105%
beta-Myrcene	0.709	0.071%
Guaiol	0.625	0.062%
Hexahydrothymol	0.462	0.046%

**Total Terpenes: 1.148%**

Detailed Terpenes Analysis is on the following page

Xueli Gao  
Ph.D., DABT  
Lab Toxicologist

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



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Compliance Test

**COVERT** Batch # PRD8OPP0522 Sampling Method: MSP 7.3.1  
Batch Date: 2022-05-09 Test Reg State: Florida  
Extracted From: Hemp  
ASHEVILLE, NC 28801

Order # COV220509-040001 Sampling Date: 2022-05-15 Initial Gross Weight: 29.209 g Number of Units: 5  
Order Date: 2022-05-09 Lab Batch Date: 2022-05-15 Net Weight: 14.209 g Net Weight per Unit: 2000.000 mg  
Sample # AACU632 Completion Date: 2022-05-19

**Terpenes** Tested (GC/GCMS)  
Specimen Weight: 195.490 mg

Dilution Factor: 30.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
trans-Caryophyllene	0.002	3.337	0.334	Sabinene	0.002	<LOQ	<LOQ
alpha-Bisabolol	0.002	2.129	0.213	Fenchyl Alcohol	0.002	<LOQ	<LOQ
Farnesene	0.002	2.076	0.208	Geraniol	0.002	<LOQ	<LOQ
Terpinolene	0.002	1.087	0.109	Borneol	0.004	<LOQ	<LOQ
alpha-Humulene	0.002	1.048	0.105	3-Carene	0.002	<LOQ	<LOQ
beta-Myrcene	0.002	0.709	0.071	alpha-Cedrene	0.002	<LOQ	<LOQ
Guaiol	0.002	0.625	0.062	alpha-Phellandrene	0.002	<LOQ	<LOQ
Hexahydrothymol	0.002	0.462	0.046	alpha-Pinene	0.002	<LOQ	<LOQ
Nerol	0.002	<LOQ	<LOQ	alpha-Terpinene	0.002	<LOQ	<LOQ
Isoborneol	0.002	<LOQ	<LOQ	beta-Pinene	0.002	<LOQ	<LOQ
Isopulegol	0.002	<LOQ	<LOQ	Camphene	0.002	<LOQ	<LOQ
Linalool	0.002	<LOQ	<LOQ	Gamma-Terpinene	0.002	<LOQ	<LOQ
(+)-Cedrol	0.002	<LOQ	<LOQ	Camphors	0.006	<LOQ	<LOQ
Ocimene	0.000	<LOQ	<LOQ	Caryophyllene oxide	0.002	<LOQ	<LOQ
Pulegone	0.002	<LOQ	<LOQ	cis-Nerolidol	0.002	<LOQ	<LOQ
Geranyl acetate	0.002	<LOQ	<LOQ	Eucalyptol	0.002	<LOQ	<LOQ
Sabinene Hydrate	0.002	<LOQ	<LOQ	Fenchone	0.002	<LOQ	<LOQ
Total Terpeneol	0.001	<LOQ	<LOQ	(R)-(+)-Limonene	0.002	<LOQ	<LOQ
trans-Nerolidol	0.002	<LOQ	<LOQ	Valencene	0.002	<LOQ	<LOQ

**Total Terpenes: 1.148%**

**Mycotoxins** Passed (ICP-MS)  
Specimen Weight: 253.800 mg

Dilution Factor: 5.910

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	6	20	<LOQ	Aflatoxin G2	6	20	<LOQ	Arsenic (As)	100	1500	<LOQ
Aflatoxin B2	6	20	<LOQ	Ochratoxin A	12	20	<LOQ	Cadmium (Cd)	100	500	233.000
Aflatoxin G1	6	20	<LOQ					Lead (Pb)	100	500	109.000
								Mercury (Hg)	100	3000	<LOQ

**Passed (LCMS) Heavy Metals**

Specimen Weight: 252.730 mg

Dilution Factor: 197

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Aixia Sun Lab Director/Principal Scientist  
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## Compliance Test

### COVERT

Batch # PRD80PP0522  
Batch Date: 2022-05-09  
Extracted From: Hemp

Sampling Method: MSP 7.3.1  
Test Reg State: Florida

ASHEVILLE, NC 28801

Order # COV220509-040001  
Order Date: 2022-05-09  
Sample # AACU632

Sampling Date: 2022-05-15  
Lab Batch Date: 2022-05-15  
Completion Date: 2022-05-19

Initial Gross Weight: 29.209 g  
Net Weight: 14.209 g

Number of Units: 5  
Net Weight per Unit: 2000.000 mg

### Pesticides FL V4

Specimen Weight: 253.800 mg

**Passed**  
(LCMS/GCMS)



### Residual Solvents - FL (CBD)

Specimen Weight: 8.800 mg

**Passed**  
(GCMS)

Dilution Factor: 5.910

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	28.23	300	<LOQ	Fludioxonil	48	3000	<LOQ
Acephate	30	3000	<LOQ	Hexythiazox	30	2000	<LOQ
Acequinocyl	48	2000	<LOQ	Imazalil	30	100	<LOQ
Acetamiprid	30	3000	<LOQ	Imidacloprid	30	3000	<LOQ
Aldicarb	30	100	<LOQ	Kresoxim Methyl	30	1000	<LOQ
Azoxystrobin	10	3000	<LOQ	Malathion	30	2000	<LOQ
Bifenazate	30	3000	<LOQ	Metaxalyl	10	3000	<LOQ
Bifenthrin	30	500	<LOQ	Methiocarb	30	100	<LOQ
Boscalid	10	3000	<LOQ	Methomyl	30	100	<LOQ
Captan	30	3000	<LOQ	methyl-Parathion	10	100	<LOQ
Carbaryl	10	500	<LOQ	Mevinphos	10	100	<LOQ
Carbofuran	10	100	<LOQ	Myclobutanil	30	3000	<LOQ
Chlorantranilprole	10	3000	<LOQ	Naled	30	500	<LOQ
Chlordane	10	100	<LOQ	Oxamyl	30	500	<LOQ
Chlorfenapyr	30	100	<LOQ	Paclotrazol	30	100	<LOQ
Chloromequat Chloride	10	3000	<LOQ	Pentachloronitrobenzene	10	200	<LOQ
Chlorpyrifos	30	100	<LOQ	Permethrin	30	1000	<LOQ
Clofentezine	30	500	<LOQ	Phosmet	30	200	<LOQ
Coumaphos	48	100	<LOQ	Piperonylbutoxide	30	3000	<LOQ
Cyfluthrin	30	1000	<LOQ	Prallethrin	30	400	<LOQ
Cypermethrin	30	1000	<LOQ	Propiconazole	30	1000	<LOQ
Daminozide	30	100	<LOQ	Propoxur	30	100	<LOQ
Diazinon	30	200	<LOQ	Pyrethrins	30	1000	<LOQ
Dichlorvos	30	100	<LOQ	Pyridaben	30	3000	<LOQ
Dimethoate	30	100	<LOQ	Spinetoram	10	3000	<LOQ
Dimethomorph	48	3000	<LOQ	Spinosad	30	3000	<LOQ
Ethoprophos	30	100	<LOQ	Spiromesifen	30	3000	<LOQ
Etofenprox	30	100	<LOQ	Spirotetramat	30	3000	<LOQ
Etoxazole	30	1500	<LOQ	Spiroxamine	30	100	<LOQ
Fenhexamid	10	3000	<LOQ	Tebuconazole	30	1000	<LOQ
Fenoxycarb	30	100	<LOQ	Thiacloprid	30	100	<LOQ
Fenpyroximate	30	2000	<LOQ	Thiamethoxam	30	1000	<LOQ
Fipronil	30	100	<LOQ	Trifloxystrobin	30	3000	<LOQ
Fonicamid	30	2000	<LOQ				

Dilution Factor: 1.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.16	8	<LOQ	Heptane	1.39	5000	<LOQ
1,2-Dichloroethane	0.04	5	<LOQ	Hexane	1.17	290	<LOQ
Acetone	2.08	5000	<LOQ	Isopropyl alcohol	1.39	500	<LOQ
Acetonitrile	1.17	410	<LOQ	Methanol	0.69	3000	<LOQ
Benzene	0.02	2	<LOQ	Methylene chloride	2.43	600	<LOQ
Butanes	2.5	2000	<LOQ	Pentane	2.08	5000	<LOQ
Chloroform	0.04	60	<LOQ	Propane	5.83	2100	<LOQ
Ethanol	2.78	5000	Passed	Toluene	2.92	890	<LOQ
Ethyl Acetate	1.11	5000	<LOQ	Total Xylenes	2.92	2170	<LOQ
Ethyl Ether	1.39	5000	<LOQ	Trichloroethylene	0.49	80	<LOQ
Ethylene Oxide	0.1	5	<LOQ				

### Pathogenic SAE (qPCR)

Specimen Weight: 251.630 mg

**Passed**  
(qPCR)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	1	Absence in 1g	Salmonella	1	Absence in 1g
E.Coli	1	Absence in 1g			

### Acetic Anhydride

Specimen Weight: 53.400 mg

**Tested**  
(GCMS)

Dilution Factor: 1.000

Analyte	LOQ (ppm)	Result (ppm)
Acetic Anhydride	2.6	<LOQ

### Listeria Monocytogenes

Specimen Weight: 1006.140 mg

**Passed**  
(qPCR)

Dilution Factor: 1.000

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

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Xueli Gao Lab Toxicologist  
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Aixia Sun Lab Director/Principal Scientist  
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