



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

Certificate of Analysis

Compliance Test

Coastal Clouds
PO Box 16032
Irvine, CA 92623

Batch # D8PVW07
Batch Date: 2023-01-30
Extracted From: Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # COA230130-120001
Order Date: 2023-01-30
Sample # AAEA959

Sampling Date: 2023-01-31
Lab Batch Date: 2023-01-31
Completion Date: 2023-02-08

Initial Gross Weight: 27.839 g

Number of Units: 1
Net Weight per Unit: 2.000 g



Potency Tested



HHC Metals Passed



HHCP Tested



Terpenes Tested



Mycotoxins Passed



Pesticides Passed



Residual Solvents Passed



Pathogenic Microbiology Passed



Listeria Monocytogenes Passed



Product Image

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result		SOP13.002 (LCUV)
				(mg/g)	(%)	
Delta-8 THC	1000.000	2.60E-5	0.0015	805.0000	80.5000	
Delta-8 THCV	10.000	4.00E-5	0.0015	2.9390	0.2939	
CBT	10.000	2.00E-4	0.0015	1.7170	0.1717	
CBNA	10.000	9.50E-5	0.0015	1.1350	0.1135	
CBN	10.000	1.40E-5	0.0015	0.9900	0.0990	
THCVA	10.000	4.70E-5	0.0015	0.8390	0.0839	
Delta8-THCP	10.000	3.75E-4	0.0015	0.4930	0.0493	
CBG	10.000	2.48E-4	0.0015	0.3490	0.0349	
CBC	100.000	1.80E-5	0.0015	<LOQ	<LOQ	
CBCA	10.000	1.07E-4	0.0015	<LOQ	<LOQ	
CBD	10.000	5.40E-5	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	
CBGA	10.000	8.00E-5	0.0015	<LOQ	<LOQ	
CBL	10.000	3.50E-5	0.0015	<LOQ	<LOQ	
Delta-8 THC-O Acetate	10.000	2.70E-5	0.003	<LOQ	<LOQ	
Delta-9 THC	1000.000	1.30E-5	0.0015	<LOQ	<LOQ	
Delta-9 THC-O Acetate	10.000	7.70E-5	0.003	<LOQ	<LOQ	
Delta9-THCP	10.000	1.17E-5	0.0012	<LOQ	<LOQ	
Exo-THC	10.000	2.30E-4	0.0015	<LOQ	<LOQ	
THCA-A	10.000	3.20E-5	0.0015	<LOQ	<LOQ	
THCV	10.000	7.00E-6	0.0015	<LOQ	<LOQ	
Total Active CBD	1000.000			<LOQ	<LOQ	
Total Active THC	1000.000			<LOQ	<LOQ	

Potency Summary

Total HHC 1.011% 20.210mg	Total Active THC None Detected
Total Active CBD None Detected	Total CBG 0.035% 0.700mg
Total CBN 0.199% 3.980mg	Other Cannabinoids 81.039% 1,620.780
Total Cannabinoids 82.283% 1,645.660	

* Reflex Tested

Terpenes Summary

Analyte	Result (mg/g)	(%)
(R)-(+)-Limonene	18.641	1.864%
trans-Caryophyllene	12.5	1.25%
beta-Myrcene	10.2	1.02%
Linalool	4.796	0.48%
alpha-Pinene	4.363	0.436%
alpha-Phellandrene	4.169	0.417%
beta-Pinene	4.143	0.414%
alpha-Humulene	2.993	0.299%
Valencene	2.044	0.204%
Borneol	1.709	0.171%
Terpinolene	1.146	0.115%

Total Terpenes: 6.670%

Detailed Terpenes Analysis is on the following page

Aixia Sun

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

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Initial Gross Weight: 27.839 g

Number of Units: 1
Net Weight per Unit: 2.000 g

Pesticides FL V4
Specimen Weight: 272.700 mg

Dilution Factor: 5.500

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	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	Imazalil	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	Metalaxyl	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	Pacllobutrazol	6.5000E-2	30	100	<LOQ
Chlormequat 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
Clofentazine	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
Flonicamid	5.1700E-1	30	2000	<LOQ					

Passed
SOP13.007
(LCMS/GCMS)



Pathogenic Microbiology SAE (MicroArray)

Specimen Weight: 1022.400 mg

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	Aspergillus terreus	Absence in 1g
Aspergillus fumigatus	Absence in 1g	Salmonella	Absence in 1g
Aspergillus niger	Absence in 1g	STEC E. Coli	Absence in 1g



Listeria Monocytogenes
Specimen Weight: 986.300 mg

Dilution Factor: 1.000

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

Passed
SOP13.019
(Micro Array)

Passed
SOP13.032
(qPCR)

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

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Initial Gross Weight: 27.839 g

Number of Units: 1
Net Weight per Unit: 2.000 g



Terpenes

Specimen Weight: 54.710 mg

Tested

SOP13.045 (GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
(R)-(+)-Limonene	0.002	18.641	1.864	cis-Nerolidol	0.002	<LOQ	
trans-Caryophyllene	0.002	12.500	1.250	Eucalyptol	0.002	<LOQ	
beta-Myrcene	0.002	10.200	1.020	Farnesene	0.002	<LOQ	
Linalool	0.002	4.796	0.480	Fenchone	0.002	<LOQ	
alpha-Pinene	0.002	4.363	0.436	Fenchyl Alcohol	0.002	<LOQ	
alpha-Phellandrene	0.002	4.169	0.417	Gamma-Terpinene	0.002	<LOQ	
beta-Pinene	0.002	4.143	0.414	Geraniol	0.002	<LOQ	
alpha-Humulene	0.002	2.993	0.299	Geranyl acetate	0.002	<LOQ	
Valencene	0.002	2.044	0.204	Guaiol	0.002	<LOQ	
Borneol	0.004	1.709	0.171	Hexahydrothymol	0.002	<LOQ	
Terpinolene	0.002	1.146	0.115	Isoborneol	0.002	<LOQ	
(+)-Cedrol	0.002	<LOQ		Isopulegol	0.002	<LOQ	
3-Carene	0.002	<LOQ		Nerol	0.002	<LOQ	
alpha-Bisabolol	0.002	<LOQ		Ocimene	0.00033	<LOQ	
alpha-Cedrene	0.002	<LOQ		Pulegone	0.002	<LOQ	
alpha-Terpinene	0.002	<LOQ		Sabinene	0.002	<LOQ	
Camphene	0.002	<LOQ		Sabinene Hydrate	0.002	<LOQ	
Camphors	0.006	<LOQ		Total Terpineol	0.00126	<LOQ	
Caryophyllene oxide	0.002	<LOQ		trans-Nerolidol	0.002	<LOQ	

Total Terpenes: 6.670%



Residual Solvents - FL (CBD)

Specimen Weight: 11.800 mg

Passed

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	<LOQ	Isopropyl alcohol	0.0048	1.39	500	27.533
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					

Aixia Sun

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HHC Metals

Specimen Weight: 249.690 mg

Passed

SOP13.051 (ICP-MS)

Dilution Factor: 200.248

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	1.9E-2	100	200	<LOQ	Nickel (Ni)	1.5E-1	250	500	<LOQ
Cadmium (Cd)	4.0E-3	100	200	<LOQ	Palladium (Pd)	7.0E-3	50	100	<LOQ
Lead (Pb)	1.0E-2	100	500	<LOQ	Platinum (Pt)	1.3E-2	50	100	<LOQ
Mercury (Hg)	4.4E-2	100	200	<LOQ	Zinc (Zn)	4.1E-1	1000	na	<LOQ

HHCP

HHCP

Specimen Weight: 54.710 mg

Tested

SOP13.050 (LCMS)

Dilution Factor: 5000.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.1100E-7	7.5E-5	0.4160	0.0416	9(S)-HHCP	2.5500E-6	7.5E-5	4.4400	0.444
(9S)-HHC	8.7400E-7	7.5E-5	<LOQ		Delta-9 THC	2.8000E-5	7.5E-5	<LOQ	
(±)-9β-hydroxy-HHC	4.5800E-7	7.5E-5	0.3610	0.0361	Total HHC			10.1070	1.0107
9(R)-HHCP	3.0900E-6	7.5E-5	4.8900	0.489					



Mycotoxins

Specimen Weight: 272.700 mg

Passed

SOP13.007 (LCMS)

Dilution Factor: 5.500

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
Aflatoxin B2	7.7000E-2	6	20	<LOQ	Ochratoxin A	7.5400E-1	3.8	20	<LOQ
Aflatoxin G1	3.0400E-1	6	20	<LOQ					

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