



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

Certificate of Analysis

Compliance Test

Coastal Clouds
PO Box 16032
Irvine, CA 92623

Batch # D8ST07
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 # AAEA969

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

Initial Gross Weight: 29.396 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 (mg/g)		SOP13.002 (LCUV)
				(mg/g)	(%)	
Delta-8 THC	1000.000	2.60E-5	0.0015	847.6000	84.7600	
Delta-8 THCV	10.000	4.00E-5	0.0015	2.7040	0.2704	
CBNA	10.000	9.50E-5	0.0015	1.6020	0.1602	
CBT	10.000	2.00E-4	0.0015	1.2230	0.1223	
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	
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	
Delta-8 THC-O Acetate	10.000	2.70E-5	0.003	<LOQ	<LOQ	
Delta-9 THC	100.000	1.30E-5	0.0015	<LOQ	<LOQ	
Delta-9 THC-O Acetate	10.000	7.70E-5	0.003	<LOQ	<LOQ	
Delta8-THCP	10.000	3.75E-4	0.0015	<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	
THCVA	10.000	4.70E-5	0.0015	<LOQ	<LOQ	
Total Active CBD	1000.000			<LOQ	<LOQ	
Total Active THC	1000.000			<LOQ	<LOQ	

Potency Summary

Total HHC 0.215% 4.300mg	Total Active THC None Detected
Total Active CBD None Detected	Total CBG None Detected
Total CBN 0.140% 2.800mg	Other Cannabinoids 85.153% 1,703.060
Total Cannabinoids 85.508% 1,710.160	

* Reflex Tested



Terpenes Summary

Analyte	Result (mg/g)	(%)
alpha-Phellandrene	14.06	1.406%
Terpinolene	12.87	1.287%
Linalool	8.872	0.887%
trans-Caryophyllene	8.127	0.813%
beta-Myrcene	7.284	0.728%
(R)-(+)-Limonene	5.476	0.548%
Borneol	3.981	0.398%
alpha-Pinene	2.412	0.241%
Ocimene	1.944	0.194%
alpha-Humulene	1.779	0.178%
beta-Pinene	1.253	0.125%
Fenchyl Alcohol	1.216	0.122%
(+)-Cedrol	1.13	0.113%

Total Terpenes: 7.040%

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: 29.396 g

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

Pesticides FL V4
Specimen Weight: 270.100 mg

Dilution Factor: 5.550

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	Metalaxil	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
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
Flonicamid	5.1700E-1	30	2000	<LOQ					

Pathogenic Microbiology SAE (MicroArray)
Specimen Weight: 1014.500 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: 988.900 mg

Dilution Factor: 1.000

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

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

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Completion Date: 2023-02-08

Initial Gross Weight: 29.396 g

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



Terpenes

Specimen Weight: 58.790 mg

Tested
SOP13.045 (GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
alpha-Phellandrene	0.002	14.060	1.406	Caryophyllene oxide	0.002	<LOQ	
Terpinolene	0.002	12.870	1.287	cis-Nerolidol	0.002	<LOQ	
Linalool	0.002	8.872	0.887	Eucalyptol	0.002	<LOQ	
trans-Caryophyllene	0.002	8.127	0.813	Farnesene	0.002	<LOQ	
beta-Myrcene	0.002	7.284	0.728	Fenchone	0.002	<LOQ	
(R)-(+)-Limonene	0.002	5.476	0.548	Gamma-Terpinene	0.002	<LOQ	
Borneol	0.004	3.981	0.398	Geraniol	0.002	<LOQ	
alpha-Pinene	0.002	2.412	0.241	Geranyl acetate	0.002	<LOQ	
Ocimene	0.00033	1.944	0.194	Guaiol	0.002	<LOQ	
alpha-Humulene	0.002	1.779	0.178	Hexahydrothymol	0.002	<LOQ	
beta-Pinene	0.002	1.253	0.125	Isoborneol	0.002	<LOQ	
Fenchyl Alcohol	0.002	1.216	0.122	Isopulegol	0.002	<LOQ	
(+)-Cedrol	0.002	1.130	0.113	Nerol	0.002	<LOQ	
3-Carene	0.002	<LOQ		Pulegone	0.002	<LOQ	
alpha-Bisabolol	0.002	<LOQ		Sabinene	0.002	<LOQ	
alpha-Cedrene	0.002	<LOQ		Sabinene Hydrate	0.002	<LOQ	
alpha-Terpinene	0.002	<LOQ		Total Terpeneol	0.00126	<LOQ	
Camphene	0.002	<LOQ		trans-Nerolidol	0.002	<LOQ	
Camphors	0.006	<LOQ		Valencene	0.002	<LOQ	

Total Terpenes: 7.040%



Residual Solvents - FL (CBD)

Specimen Weight: 314.000 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	<LOQ
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	626.810	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

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



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QA By: 1057 on 2023-02-08 11:40:07 V1

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Form F672



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Initial Gross Weight: 29.396 g

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



HHC Metals

Specimen Weight: 249.830 mg

Passed

SOP13.051 (ICP-MS)

Dilution Factor: 200.136

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	288.8
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: 58.790 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	<LOQ		9(S)-HHCP	2.5500E-6	7.5E-5	<LOQ	
(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	2.1500	0.215	Total HHC			2.1500	0.215
9(R)-HHCP	3.0900E-6	7.5E-5	<LOQ						



Mycotoxins

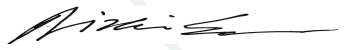
Specimen Weight: 270.100 mg

Passed

SOP13.007 (LCMS)

Dilution Factor: 5.550

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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