



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

Certificate of Analysis

Compliance Test

3CHI
274 MEDICAL DR # 875
CARMEL, IN 46082

Batch # 06DEC2022-D90-PE
Batch Date: 2022-12-06
Extracted From: Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # 3CH230126-130001
Order Date: 2023-01-26
Sample # AAEA598

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

Initial Gross Weight: 13.036 g



Product Image

Potency Tested	Terpenes Tested	Heavy Metals Passed	2 3-Butanedione Passed	Mycotoxins Passed
Pesticides Passed	Residual Solvents Passed	Pathogenic Microbiology Passed	Listeria Monocytogenes Passed	Vitamin E Passed

Potency 23 (LCUV) Tested
Specimen Weight: 51.770 mg SOP13.001 (LCUV)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-9 THC-O Acetate	1000.000	7.70E-5	0.003	758.0440	75.8044
Delta-8 THC-O Acetate	100.000	2.70E-5	0.003	198.6650	19.8665
Delta-8 THC	10.000	4.00E-5	0.0015	8.0870	0.8087
CBT	10.000	2.00E-4	0.0015	2.8010	0.2801
Delta-9 THC	10.000	1.30E-5	0.0015	0.9310	0.0931
CBC	10.000	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
CBNA	10.000	9.50E-5	0.0015	<LOQ	<LOQ
Delta-8 THC	10.000	2.60E-5	0.0015	<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	100.000			<LOQ	<LOQ
Total Active THC	100.000			<LOQ	0.093

Potency Summary

Total Active THC 0.093% <LOQ	Total Active CBD None Detected
Total CBG None Detected	Total CBN None Detected
Other Cannabinoids 96.760% <LOQ	Total Cannabinoids 96.853% <LOQ

Terpenes Summary

Analyte	Result (mg/g)	(%)
alpha-Cedrene	12.746	1.275%
trans-Caryophyllene	4.901	0.49%
(R)-(+)-Limonene	3.109	0.311%
Linalool	2.383	0.238%
Terpinolene	2.324	0.232%
beta-Pinene	2.266	0.227%
Ocimene	1.579	0.158%
alpha-Pinene	1.133	0.113%
beta-Myrcene	0.93	0.093%

Total Terpenes: 3.137%
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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GLTA No. 10DT094068

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Batch Date: 2022-12-06
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Test Reg State: Florida

274 MEDICAL DR # 875
CARMEL, IN 46082

Order # 3CH230126-130001
Order Date: 2023-01-26
Sample # AAEA598

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

Initial Gross Weight: 13.036 g

Pesticides FL V4
Specimen Weight: 266.100 mg

Dilution Factor: 5.640

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
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
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: 1017.440 mg

Passed
SOP13.019
(Micro Array)

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



2,3-butanedione(Diacetyl)
Specimen Weight: 10.800 mg

Passed
SOP13.039
(GCMS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
2,3-Butanedione	.024	0.024	<LOQ



Listeria Monocytogenes
Specimen Weight: 1021.030 mg

Passed
SOP13.032
(qPCR)

Dilution Factor: 1.000

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



Vitamin E (Tocopheryl Acetate)
Specimen Weight: 266.100 mg

Passed
SOP13.007 (LC-MS)

Dilution Factor: 5.640

Analyte	LOD (ppb)	Result (ppb)
Tocopheryl acetate (vitamin E acetate)	.705	Not Detected

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

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3CHI Batch # 06DEC2022-D90-PE Sampling Method: MSP 7.3.1
274 MEDICAL DR # 875 Batch Date: 2022-12-06 Test Reg State: Florida
CARMELE, IN 46082 Extracted From: Hemp

Order # 3CH230126-130001 Sampling Date: 2023-01-31 Initial Gross Weight: 13.036 g
 Order Date: 2023-01-26 Lab Batch Date: 2023-01-31
 Sample # AAEA598 Completion Date: 2023-02-08

Terpenes Specimen Weight: 58.140 mg **Tested**
 SOP13.045 (GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
alpha-Cedrene	0.002	12.746	1.275	cis-Nerolidol	0.002	<LOQ	
trans-Caryophyllene	0.002	4.901	0.490	Eucalyptol	0.002	<LOQ	
(R)-(+)-Limonene	0.002	3.109	0.311	Farnesene	0.002	<LOQ	
Linalool	0.002	2.383	0.238	Fenchone	0.002	<LOQ	
Terpinolene	0.002	2.324	0.232	Fenchyl Alcohol	0.002	<LOQ	
beta-Pinene	0.002	2.266	0.227	Gamma-Terpinene	0.002	<LOQ	
Ocimene	0.00033	1.579	0.158	Geraniol	0.002	<LOQ	
alpha-Pinene	0.002	1.133	0.113	Geranyl acetate	0.002	<LOQ	
beta-Myrcene	0.002	0.930	0.093	Guaiol	0.002	<LOQ	
(+)-Cedrol	0.002	<LOQ		Hexahydrothymol	0.002	<LOQ	
3-Carene	0.002	<LOQ		Isobomeol	0.002	<LOQ	
alpha-Bisabolol	0.002	<LOQ		Isopulegol	0.002	<LOQ	
alpha-Humulene	0.002	<LOQ		Nerol	0.002	<LOQ	
alpha-Phellandrene	0.002	<LOQ		Pulegone	0.002	<LOQ	
alpha-Terpinene	0.002	<LOQ		Sabinene	0.002	<LOQ	
Borneol	0.004	<LOQ		Sabinene Hydrate	0.002	<LOQ	
Camphene	0.002	<LOQ		Total Terpeneol	0.00126	<LOQ	
Camphors	0.006	<LOQ		trans-Nerolidol	0.002	<LOQ	
Caryophyllene oxide	0.002	<LOQ		Valencene	0.002	<LOQ	

Total Terpenes: 3.137%

Residual Solvents - FL (CBD) Specimen Weight: 10.800 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	<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	<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
 Aixia Sun Lab Director/Principal Scientist
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3CHI Batch # 06DEC2022-D90-PE Sampling Method: MSP 7.3.1
274 MEDICAL DR # 875 Batch Date: 2022-12-06 Test Reg State: Florida
CARMEL, IN 46082 Extracted From: Hemp

Order # 3CH230126-130001 Sampling Date: 2023-01-31 Initial Gross Weight: 13.036 g
 Order Date: 2023-01-26 Lab Batch Date: 2023-01-31
 Sample # AAEA598 Completion Date: 2023-02-08

Mycotoxins **Passed**
 Specimen Weight: 266.100 mg SOP13.007 (LCMS)


Dilution Factor: 5.640

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					

Heavy Metals **Passed**
 Specimen Weight: 246.760 mg SOP13.048 (ICP-MS)

Dilution Factor: 202

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	<LOQ	Lead (Pb)	11.76	100	500	<LOQ
Cadmium (Cd)	.64	100	500	<LOQ	Mercury (Hg)	.58	100	3000	<LOQ


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