



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

Certificate of Analysis

Compliance Test

3CHI
274 MEDICAL DR # 875
CARMEL, IN 46082

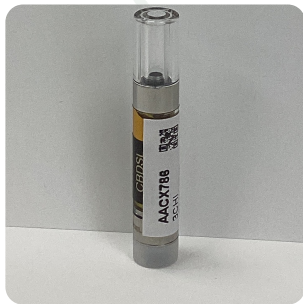
Batch # 220610-CBDSL
Batch Date: 2022-06-09
Extracted From: Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # 3CH220609-090001
Order Date: 2022-06-09
Sample # AACX786

Sampling Date: 2022-06-13
Lab Batch Date: 2022-06-13
Completion Date: 2022-06-17

Initial Gross Weight: 98.431 g



Product Image

Potency Tested	Terpenes Tested	Heavy Metals Passed	Mycotoxins Passed	Pesticides Passed
Residual Solvents Passed	Listeria Monocytogenes Passed	Pathogenic Passed		

Delta 8/Delta 10 Potency 12

Tested
SOP13.043 (LCUV)

Specimen Weight: 46.270 mg

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	5.40E-5	0.001	367.000	36.700
CBC	1.80E-5	0.001	87.240	8.724
CBN	1.40E-5	0.001	48.870	4.887
CBG	2.48E-4	0.001	15.980	1.598
CBDV	6.50E-5	0.001	8.080	0.808
Delta-10 THC	3.00E-6	0.001	<LOQ	<LOQ
Delta-8 THC	2.60E-5	0.001	<LOQ	<LOQ
Delta-9 THC	1.30E-5	0.1	<LOQ	<LOQ
THCA	3.20E-5	0.001	<LOQ	<LOQ
CBGA	8.00E-5	0.001	<LOQ	<LOQ
CBDA	1.00E-5	0.001	<LOQ	<LOQ
THCV	7.00E-6	0.001	<LOQ	<LOQ

Potency Summary

Total Delta 8 None Detected	Total Delta 10 None Detected
Total THC None Detected	Total CBD 36.700%
Total CBG 1.598%	Total CBN 4.887%
Other Cannabinoids 9.532%	Total Cannabinoids 52.717%

Terpenes Summary

Analyte	Result (mg/g)	(%)
alpha-Bisabolol	21.643	2.164%
Farnesene	9.609	0.961%
Ocimene	9.089	0.909%
beta-Myrcene	7.027	0.703%
trans-Caryophyllene	4.379	0.438%
(R)-(+)-Limonene	2.67	0.267%
Guaial	2.204	0.22%
Terpinolene	1.881	0.188%
beta-Pinene	1.646	0.165%
alpha-Humulene	1.607	0.161%
(+)-Cedrol	1.59	0.159%
alpha-Pinene	1.428	0.143%

Total Terpenes: 6.478%

Detailed Terpenes Analysis is on the following page

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

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



Definitions and Abbreviations used in this report: Total CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), Total THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA * 0.87), CBG Total = (CBGA * 0.877) + CBG, CBN Total = (CBNA * 0.877) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, *Measurement of Uncertainty = +/- 10%

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Sampling Date: 2022-06-13
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Completion Date: 2022-06-17

Initial Gross Weight: 98.431 g

Terpenes
Specimen Weight: 46.270 mg

Tested
SOP13.045 (GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
alpha-Bisabolol	0.002	21.643	2.164	Total Terpeneol	0.001		<LOQ
Farnesene	0.002	9.609	0.961	trans-Nerolidol	0.002		<LOQ
Ocimene	0.000	9.089	0.909	Hexahydrothymol	0.002		<LOQ
beta-Myrcene	0.002	7.027	0.703	Fenchyl Alcohol	0.002		<LOQ
trans-Caryophyllene	0.002	4.379	0.438	Geranyl acetate	0.002		<LOQ
(R)-(+)-Limonene	0.002	2.670	0.267	Geraniol	0.002		<LOQ
Guaiol	0.002	2.204	0.220	Gamma-Terpinene	0.002		<LOQ
Terpinolene	0.002	1.881	0.188	Fenchone	0.002		<LOQ
beta-Pinene	0.002	1.646	0.165	Eucalyptol	0.002		<LOQ
alpha-Humulene	0.002	1.607	0.161	cis-Nerolidol	0.002		<LOQ
(+)-Cedrol	0.002	1.590	0.159	Caryophyllene oxide	0.002		<LOQ
alpha-Pinene	0.002	1.428	0.143	Camphors	0.006		<LOQ
Linalool	0.002	<LOQ	<LOQ	Camphene	0.002		<LOQ
Isoborneol	0.002	<LOQ	<LOQ	Borneol	0.004		<LOQ
Isopulegol	0.002	<LOQ	<LOQ	alpha-Terpinene	0.002		<LOQ
Sabinene Hydrate	0.002	<LOQ	<LOQ	alpha-Phellandrene	0.002		<LOQ
Nerol	0.002	<LOQ	<LOQ	alpha-Cedrene	0.002		<LOQ
Pulegone	0.002	<LOQ	<LOQ	3-Carene	0.002		<LOQ
Sabinene	0.002	<LOQ	<LOQ	Valencene	0.002		<LOQ

Total Terpenes: 6.478%

Mycotoxins
Specimen Weight: 264.900 mg

Passed
SOP13.007 (LCMS)

Heavy Metals
Specimen Weight: 248.530 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 5.663

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
Aflatoxin B2	6	20	<LOQ	Ochratoxin A	12	20	<LOQ
Aflatoxin G1	6	20	<LOQ				

Dilution Factor: 201

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	100	1500	<LOQ	Lead (Pb)	100	500	<LOQ
Cadmium (Cd)	100	500	<LOQ	Mercury (Hg)	100	3000	<LOQ

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Lab Toxicologist

Aixia Sun
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Initial Gross Weight: 98.431 g

Pesticides FL V4 **Passed** **Residual Solvents - FL (CBD)** **Passed**
Specimen Weight: 264.900 mg SOP13.007 (LCMS/GCMS) Specimen Weight: 229.600 mg SOP13.039 (GCMS)

Dilution Factor: 5.663

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
Acetaminiprid	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
Chlorantraniliprole	10	3000	<LOQ	Naled	30	500	<LOQ
Chlordane	10	100	<LOQ	Oxamyl	30	500	<LOQ
Chlorfenapyr	30	100	<LOQ	Pacllobutrazol	30	100	<LOQ
Chloromequat Chloride	10	3000	<LOQ	Pentachloronitro benzene	10	200	<LOQ
Chlorpyrifos	30	100	<LOQ	Permethrin	30	1000	<LOQ
Clofentezine	30	500	<LOQ	Phosmet	30	200	<LOQ
Coumaphos	48	100	<LOQ	Piperonylbutoxid e	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: 50.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethane	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	<LOQ	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) **Passed**
Specimen Weight: 262.340 mg SOP13.010 (qPCR)

Dilution Factor: 1.000

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

Listeria Monocytogenes **Passed**
Specimen Weight: 970.400 mg SOP13.010 (qPCR)

Dilution Factor: 1.000

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

Xueli Gao Lab Toxicologist
Ph.D., DABT

Aixia Sun Lab Director/Principal Scientist
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