



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

# Certificate of Analysis

## Compliance Test

**CREATING BETTER DAYS**  
10061 AMBERWOOD  
RD FORT MYERS, FL  
33913  
Order #CRE230830-010001  
Order Date: 2023-08-30  
Sample # AAD1398

Batch # 0823001188  
Batch Date: 2023-08-17  
Extracted From: CBD, CBN

Sampling Method: MSP 7.3.1  
Test Reg State: Florida

Sampling Date: 2023-08-31  
Lab Batch Date: 2023-08-31  
Completion Date: 2023-09-05

Initial Gross Weight: 175.900 g  
Net Weight: 143.000 g

Number of Units: 1  
Net Weight per Unit: 4766.667 mg



Product Image

**Potency** Tested **Heavy Metals** Passed **Mycotoxins** Passed **Pesticides** Passed **Residual Solvents** Passed

**Pathogenic Microbiology** Passed **Listeria Monocytogenes** Passed

**Potency 10**  
Specimen Weight: 1521.700 mg

**Tested**  
SOP13.001 (LCU)

Pieces For Panel: 30

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	100.000	5.40E-5	0.0015	1.3000	0.1300
CBN	100.000	1.40E-5	0.0015	1.2200	0.1220
CBC	100.000	1.80E-5	0.0015	<LOQ	<LOQ
CBDa	100.000	1.00E-5	0.0015	<LOQ	<LOQ
CBDV	100.000	6.50E-5	0.0015	<LOQ	<LOQ
CBG	100.000	2.48E-4	0.0015	<LOQ	<LOQ
CBGA	100.000	8.00E-5	0.0015	<LOQ	<LOQ
Delta-9 THC	100.000	1.30E-5	0.0015	<LOQ	<LOQ
THCA	100.000	3.20E-5	0.0015	<LOQ	<LOQ
THCV	100.000	7.00E-6	0.0015	<LOQ	<LOQ

**Potency Summary**

Total Active THC None Detected	Total Active CBD 0.130%	6.200mg
Total CBG None Detected	Total CBN 0.122%	5.820mg
Other Cannabinoids None Detected	Total Cannabinoids 0.252%	12.010mg

**Mycotoxins**  
Specimen Weight: 258.300 mg

**Passed**  
SOP13.007 (LCMS)

Dilution Factor: 5.810

Analyte	LOD (ppb)	Action Level (ppb)	Result (ppb)	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
A atoxin B13.0400E-1	6	20	<LOQ	2.7100E-1	6	20	<LOQ
A atoxin B27.7000E-2	6	20	<LOQ	7.5400E-1	12	20	<LOQ
A atoxin G13.0400E-1	6	20	<LOQ				

**Pathogenic Microbiology (Micro Array)**  
Specimen Weight: 459.400 mg  
**Passed**  
SAE  
SOP13.019 (Micro Array)

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus avus	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

Xueli Gao  
Lab Toxicologist  
Ph.D., DABT

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



Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), Total Active 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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### Pesticides FL V4

Specimen Weight: 258.300 mg

**Passed**  
SOP13.007  
(LCMS/GCMS)



### Listeria Monocytogenes

Specimen Weight: 985.190 mg

**Passed**  
SOP13.032  
(qPCR)

Dilution Factor: 5.810

Analyte	LOD LOQ (ppb) (ppb)	Action Level (ppb)	Result (ppb) Analyte	LOD LOQ (ppb) (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
A c e qui noc yl	9.5640E+0 48	2000	<LOQ Imazalil	2.4800E-1 30	100	<LOQ
Acetaminiprid	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
A zoxy s trob i n	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
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
Cyuthrin	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
D i m e t h o m o r p h	5.8300E+0 48	3000	<LOQ Spinosad	8.8000E-2 30	3000	<LOQ
Ethoprofos	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
Etoazole	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
Fi proni l	1.0700E-1 30	100	<LOQ Tri oxystrobin	3.7000E-2 30	3000	<LOQ
Fonicamid	5.1700E-1 30	2000	<LOQ			

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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### Residual Solvents - FL (CBD)

**Passed**  
SOP13.039 (GCMS)

Specimen Weight: 14.400 mg

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		8	<LOQ	Heptane	0.0013		5000	<LOQ
1,2-Dichloroethane	0.0003	0.16	5	<LOQ	Hexane	0.068	1.39	290	<LOQ
Acetone	0.015	0.04	5000	<LOQ	Isopropyl alcohol	0.0048	1.17	500	<LOQ
Acetonitrile	0.06	2.08	410	<LOQ	Methanol	0.0005	1.39	3000	10.618
Benzene	0.0002	1.17	2	<LOQ	Methylene chloride	0.0029	0.69	600	<LOQ
Butanes	0.4167	0.02	2000	<LOQ	Pentane	0.037	2.43	5000	<LOQ
Chloroform	0.0001	2.5	60	<LOQ	Propane	0.031	2.08	2100	<LOQ
Ethanol	0.0021	0.04	5000	<LOQ	Toluene	0.0009	5.83	890	<LOQ
Ethyl Acetate	0.0012	2.78	5000	<LOQ	Total Xylenes	0.0001	2.92	2170	<LOQ
Ethyl Ether	0.0049	1.11	5000	<LOQ	Trichloroethylene	0.0014	2.92	80	<LOQ
Ethylene Oxide	0.0038	1.39	5	<LOQ			0.49		

### Heavy Metals

**Passed**  
SOP13.048 (ICP-MS)

Specimen Weight: 250.900 mg

Dilution Factor: 199

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)			1500	<LOQ	Lead (Pb)	11.76		500	<LOQ
Cadmium (Cd)	4.83	100	500	<LOQ	Mercury (Hg)	.58	100	3000	<LOQ
	.64	100					100		

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Lab Toxicologist  
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