



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

# Certificate of Analysis

Compliance Test

**Trulieve**  
6749 Ben Bostic Rd  
Quincy, FL 32351

Batch # 29025\_0002595739  
Batch Date: 2022-06-02  
Sampling Method: MSP 7.3.1

Seed to Sale # 29025\_0002595739  
Lot ID: 29026\_0002595739  
Cultivars: King Palm  
Test Reg State: Florida

Cultivation Facility: TALLAHASSEE, FL  
Cultivation Date: 2022-06-02  
Production Facility: TALLAHASSEE, FL  
Production Date: 2022-06-02

Order # TRU220603-100001  
Order Date: 2022-06-03  
Sample # AACX094

Sampling Date: 2022-06-04  
Lab Batch Date: 2022-06-04  
Completion Date: 2022-06-07

Initial Gross Weight: 913.000 g  
Net Weight: 177.640 g

Number of Units: 24  
Net Weight per Unit: 7401.667 mg



Product Image

<b>Potency Tested</b>	<b>Terpenes Tested</b>	<b>Heavy Metals Passed</b>	<b>Mycotoxins Passed</b>	<b>Pesticides Passed</b>
<b>Residual Solvents Not Tested</b>	<b>Moisture Passed</b>	<b>Water Activity Passed</b>	<b>Pathogenic Microbiology Not Tested</b>	<b>Pathogenic Passed</b>
<b>Microbiology (qPCR) Passed</b>	<b>Filtration Passed</b>	<b>Total Contaminant Load Passed</b>		

## Potency - 11 \*

Specimen Weight: 205.060 mg

**Tested**  
SOP13.001 (LCUV)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
THCA	1500.000	0.000032	0.001	246.530	24.653
CBGA	1500.000	0.000008	0.001	9.640	0.964
Delta-9 THC	1500.000	0.000013	0.001	6.170	0.617
CBG	1500.000	0.000248	0.001	1.340	0.134
CBDV	1500.000	0.000065	0.001	<LOQ	<LOQ
CBN	1500.000	0.000014	0.001	<LOQ	<LOQ
Delta-8 THC	1500.000	0.000026	0.001	<LOQ	<LOQ
CBD	1500.000	0.000054	0.001	<LOQ	<LOQ
THCV	1500.000	0.000007	0.001	<LOQ	<LOQ
CBDA	1500.000	0.000001	0.001	<LOQ	<LOQ
CBC	1500.000	0.000018	0.001	<LOQ	<LOQ

Sample Prepared By: 1226 Date: 2022-06-04 19:04:45 Sample Analyzed By: 1199 Date: 2022-06-04 12:22:28  
Batch Reviewed By: 1010 Date: 2022-06-07 14:14:32 Lab Batch #: AACX094-174 Date: 2022-06-07 14:14:32

\*Potency reported at the CMTL-tested Moisture content.

## Potency Summary

<b>Total THC at Dry Weight</b> 25.023% 1,645.960mg	<b>Total CBD at Dry Weight</b> - None Detected
<b>Total CBG</b> 1.102% 72.490mg	<b>Total CBN</b> - None Detected
<b>Other Cannabinoids</b> - None Detected	<b>Total Cannabinoids</b> 26.125% 1,718.450mg

## Terpenes Summary

Analyte	Result (mg/g)	(%)
trans-Caryophyllene	4.27	0.427%
beta-Pinene	2.76	0.276%
Linalool	1	0.1%
alpha-Humulene	0.99	0.099%
alpha-Bisabolol	0.71	0.071%
(R)-(+)-Limonene	0.49	0.049%

**Total Terpenes: 1.022%**

Detailed Terpenes Analysis is on the following page

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 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 = Delta8a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total THCV + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, Dry Weight calculation is the percentage of THC by weight in a cannabis sample (i.e. plant), after excluding moisture from the sample. % Dry Weight calculation = Total THC / (1 - (Moisture/100)). (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 Total Contaminant Load (TCL) - The sum of all Heavy Metals and Agricultural Agents present above the LOQ, but below the Acceptable Limit.

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Sample # AACX094

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Completion Date: 2022-06-07

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Net Weight: 177.640 g

Number of Units: 24  
Net Weight per Unit: 7401.667 mg

## Terpenes Tested

Specimen Weight: 205.060 mg SOP13.023 (GC/GCMS)

Dilution Factor: 30.000

Analyte	Dilution (1:n)	LOQ (%)	Result (mg/g)	(%)	Analyte	Dilution (1:n)	LOQ (%)	Result (mg/g)	(%)
trans-Caryophyllene	1.000	0.002	4.270	0.427	(+)-Cedrol	1.000	0.002	<LOQ	<LOQ
beta-Pinene	1.000	0.002	2.760	0.276	Fenchyl Alcohol	1.000	0.002	<LOQ	<LOQ
Linalool	1.000	0.002	1.000	0.100	Geraniol	1.000	0.002	<LOQ	<LOQ
alpha-Humulene	1.000	0.002	0.990	0.099	Borneol	1.000	0.004	<LOQ	<LOQ
alpha-Bisabolol	1.000	0.002	0.710	0.071	3-Carene	1.000	0.002	<LOQ	<LOQ
(R)-(+)-Limonene	1.000	0.002	0.490	0.049	alpha-Cedrene	1.000	0.002	<LOQ	<LOQ
Total Terpineol	30.000	0.001	<LOQ	<LOQ	alpha-Phellandrene	1.000	0.002	<LOQ	<LOQ
Terpinolene	1.000	0.002	<LOQ	<LOQ	alpha-Pinene	1.000	0.002	<LOQ	<LOQ
Sabinene Hydrate	1.000	0.002	<LOQ	<LOQ	alpha-Terpinene	1.000	0.002	<LOQ	<LOQ
Sabinene	1.000	0.002	<LOQ	<LOQ	beta-Myrcene	1.000	0.002	<LOQ	<LOQ
Geranyl acetate	1.000	0.002	<LOQ	<LOQ	Camphene	1.000	0.002	<LOQ	<LOQ
Pulegone	1.000	0.002	<LOQ	<LOQ	Gamma-Terpinene	1.000	0.002	<LOQ	<LOQ
Ocimene	1.000	0.000	<LOQ	<LOQ	Camphors	1.000	0.006	<LOQ	<LOQ
Nerol	1.000	0.002	<LOQ	<LOQ	Caryophyllene oxide	1.000	0.002	<LOQ	<LOQ
trans-Nerolidol	1.000	0.002	<LOQ	<LOQ	cis-Nerolidol	1.000	0.002	<LOQ	<LOQ
Isopulegol	1.000	0.002	<LOQ	<LOQ	Eucalyptol	1.000	0.002	<LOQ	<LOQ
Isoborneol	1.000	0.002	<LOQ	<LOQ	Farnesene	1.000	0.002	<LOQ	<LOQ
Hexahydrothymol	1.000	0.002	<LOQ	<LOQ	Fenchone	1.000	0.002	<LOQ	<LOQ
Guaiol	1.000	0.002	<LOQ	<LOQ	Valencene	1.000	0.002	<LOQ	<LOQ

Sample Prepared By: 1035 Date: 2022-06-05 16:48:33 Sample Analyzed By: 1035 Date: 2022-06-05 11:48:33  
Batch Reviewed By: 1155 Date: 2022-06-06 13:14:34 Lab Batch #: AACX094-175 Date: 2022-06-06 13:14:34

**Total Terpenes: 1.022%**

## Mycotoxins

Specimen Weight: 269.200 mg

Dilution Factor: 5.572

Analyte	Dilution (1:n)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	Dilution (1:n)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	5.572	6	20	<LOQ	Aflatoxin G2	5.572	6	20	<LOQ
Aflatoxin B2	5.572	6	20	<LOQ	Ochratoxin A	5.572	12	20	<LOQ
Aflatoxin G1	5.572	6	20	<LOQ					

Sample Prepared By: 1170 Date: 2022-06-04 23:03:58 Sample Analyzed By: 1170 Date: 2022-06-04 18:03:59  
Batch Reviewed By: 1222 Date: 2022-06-06 15:02:41 Lab Batch #: AACX094-165 Date: 2022-06-06 15:02:41

## Heavy Metals

Specimen Weight: 250.130 mg Passed

Dilution Factor: 199

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	100	200	<LOQ	Lead (Pb)	100	500	<LOQ
Cadmium (Cd)	100	200	<LOQ	Mercury (Hg)	100	200	<LOQ

Sample Prepared By: 1155 Date: 2022-06-06 00:07:35 Sample Analyzed By: 1216 Date: 2022-06-06 13:30:02  
Batch Reviewed By: 1155 Date: 2022-06-06 19:53:10 Lab Batch #: AACX094-4 Date: 2022-06-06 19:53:10

*Xueli Gao*  
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*Aixia Sun*  
Aixia Sun Lab Director/Principal Scientist  
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Order # TRU220603-100001 Order Date: 2022-06-03 Sample # AACX094	Sampling Date: 2022-06-04 Lab Batch Date: 2022-06-04 Completion Date: 2022-06-07	Initial Gross Weight: 913.000 g Net Weight: 177.640 g	Number of Units: 24 Net Weight per Unit: 7401.667 mg

<b>Pesticides FL V4</b> Specimen Weight: 269.200 mg	<b>Passed</b> SOP13.007 (LCMS/GCMS)	<b>Pathogenic SAE (qPCR)</b> Specimen Weight: 225.900 mg	<b>Passed</b> SOP13.010 (qPCR)
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Dilution Factor: 5.572

Analyte	Dilution (1:n)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	Dilution (1:n)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	5.572	28.23	100	<LOQ	Fludioxonil	5.572	48	100	<LOQ
Acephate	5.572	30	100	<LOQ	Hexythiazox	5.572	30	100	<LOQ
Acequinocyl	5.572	48	100	<LOQ	Imazalil	5.572	30	100	<LOQ
Acetamiprid	5.572	30	100	<LOQ	Imidacloprid	5.572	30	400	<LOQ
Aldicarb	5.572	30	100	<LOQ	Kresoxim Methyl	5.572	30	100	<LOQ
Azoxystrobin	5.572	10	100	<LOQ	Malathion	5.572	30	100	<LOQ
Bifenazate	5.572	30	100	<LOQ	Metaxyl	5.572	10	100	<LOQ
Bifenthrin	5.572	30	100	<LOQ	Methiocarb	5.572	30	100	<LOQ
Boscalid	5.572	10	100	<LOQ	Methomyl	5.572	30	100	<LOQ
Captan	5.572	30	700	<LOQ	methyl-Parathion	5.572	10	100	<LOQ
Carbaryl	5.572	10	500	<LOQ	Mevinphos	5.572	10	100	<LOQ
Carbofuran	5.572	10	100	<LOQ	Myclobutanil	5.572	30	100	<LOQ
Chlorantraniliprole	5.572	10	1000	<LOQ	Naled	5.572	30	250	<LOQ
Chlordane	5.572	10	100	<LOQ	Oxamyl	5.572	30	500	<LOQ
Chlorfenapyr	5.572	30	100	<LOQ	Pacllobutrazol	5.572	30	100	<LOQ
Chloromequat Chlo ride	5.572	10	1000	<LOQ	Pentachloronitro benzene	5.572	10	150	<LOQ
Chlorpyrifos	5.572	30	100	<LOQ	Permethrin	5.572	30	100	<LOQ
Clofentezine	5.572	30	200	<LOQ	Phosmet	5.572	30	100	<LOQ
Coumaphos	5.572	48	100	<LOQ	Piperonylbutoxid e	5.572	30	3000	<LOQ
Cyfluthrin	5.572	30	500	<LOQ	Prallethrin	5.572	30	100	<LOQ
Cypermethrin	5.572	30	500	<LOQ	Propiconazole	5.572	30	100	<LOQ
Daminozide	5.572	30	100	<LOQ	Propoxur	5.572	30	100	<LOQ
Diazinon	5.572	30	100	<LOQ	Pyrethrins	5.572	30	500	<LOQ
Dichlorvos	5.572	30	100	<LOQ	Pyridaben	5.572	30	200	<LOQ
Dimethoate	5.572	30	100	<LOQ	Spinetoram	5.572	10	200	<LOQ
Dimethomorph	5.572	48	200	<LOQ	Spinosad	5.572	30	100	<LOQ
Ethoprophos	5.572	30	100	<LOQ	Spiromesifen	5.572	30	100	<LOQ
Etofenprox	5.572	30	100	<LOQ	Spirotetramat	5.572	30	100	<LOQ
Etoxazole	5.572	30	100	<LOQ	Spiroxamine	5.572	30	100	<LOQ
Fenhexamid	5.572	10	100	<LOQ	Tebuconazole	5.572	30	100	<LOQ
Fenoxycarb	5.572	30	100	<LOQ	Thiacloprid	5.572	30	100	<LOQ
Fenpyroximate	5.572	30	100	<LOQ	Thiamethoxam	5.572	30	500	<LOQ
Fipronil	5.572	30	100	<LOQ	Trifloxystrobin	5.572	30	100	<LOQ
Fonicamid	5.572	30	100	<LOQ					

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			

Sample Prepared By: 1088 Date: 2022-06-06 17:18:20 Sample Analyzed By: 1088 Date: 2022-06-06 12:18:20  
Batch Reviewed By: 1161 Date: 2022-06-07 13:07:30 Lab Batch #: AACX094-25 Date: 2022-06-07 13:07:30

**Filth and Foreign Material**  
Net Weight: 177.640 g

Dilution Factor: 1.000

Analyte	Action Level (%)	Result (%)	Analyte	Action Level (%)	Result (%)
Covered Area	10	0.000	Weight %	1	0.000
Feces	0.5	0.000			

Sample Prepared By: 1160 Date: 2022-06-04 13:16:35 Sample Analyzed By: 1160 Date: 2022-06-04 08:16:35  
Batch Reviewed By: 1160 Date: 2022-06-04 08:16:46 Lab Batch #: AACX094-177 Date: 2022-06-04 08:16:46

**Moisture**  
Net Weight: 177.640 g

Dilution Factor: 1.000

Analyte	Action Level (%)	Result (%)
Moisture	15	11.130

Sample Prepared By: 1145 Date: 2022-06-04 18:19:10 Sample Analyzed By: 1145 Date: 2022-06-04 13:19:10  
Batch Reviewed By: 1145 Date: 2022-06-04 13:20:53 Lab Batch #: AACX094-10 Date: 2022-06-04 13:20:53

**Total Contaminant Load**

Panel	Action Level (ppm)	Result (ppm)
Heavy Metals, Pesticides	5	0.000

Sample Prepared By: 1170 Date: 2022-06-04 23:03:58 Sample Analyzed By: 1170 Date: 2022-06-04 18:03:59  
Batch Reviewed By: 1222 Date: 2022-06-06 15:02:40 Lab Batch #: AACX094-191 Date: 2022-06-06 15:02:40

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

*Aixia Sun*  
Aixia Sun Lab Director/Principal Scientist  
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Number of Units: 24  
Net Weight per Unit: 7401.667 mg

### Water Activity

Specimen Weight: 0.500 g

**Passed**  
SOP13.016 (Water  
Activity Analyzer)

Dilution Factor: 1.000

Analyte	Action Level (aw)	Result (aw)
Water Activity	0.65	0.586

Sample Prepared By: 1145 Date: 2022-06-04 18:13:39 Sample Analyzed By: 1145 Date: 2022-06-04 13:13:39  
Batch Reviewed By: 1145 Date: 2022-06-04 13:17:55 Lab Batch #: AACX094-11 Date: 2022-06-04 13:17:55

### Total Yeast and Mold

Specimen Weight: 10025.500 mg

**Passed**  
SOP13.017 (qPCR)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Remark
Total Yeast/Mold	100000	Not Detected	Not Detected

Sample Prepared By: 1088 Date: 2022-06-04 17:13:22 Sample Analyzed By: 1088 Date: 2022-06-04 12:13:22  
Batch Reviewed By: 1088 Date: 2022-06-05 20:17:08 Lab Batch #: AACX094-218 Date: 2022-06-05 20:17:08

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

*Aixia Sun*  
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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 = Delta8a10a-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, Dry Weight calculation is the percentage of THC by weight in a cannabis sample (i.e. plant), after excluding moisture from the sample. % Dry Weight calculation = Total THC / (1 - (Moisture/100)). (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 Total Contaminant Load (TCL) - The sum of all Heavy Metals and Agricultural Agents present above the LOQ, but below the Acceptable Limit.

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