



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

Certificate of Analysis

Compliance Test

Trulieve
6749 Ben Bostic Rd
Quincy, FL 32351

Batch # 27675_0002355100
Batch Date: 2022-04-27
Sampling Method: MSP 7.3.1

Seed to Sale # 27675_0002355100
Lot ID: 27648_0002355100
Cultivars: GooBerry
Test Reg State: Florida

Cultivation Facility: TRULIEVE
Cultivation Date: 2022-04-27
Production Facility: TRULIEVE
Production Date: 2022-04-27

Order # TRU220427-050001
Order Date: 2022-04-27
Sample # AACT433

Sampling Date: 2022-04-27
Lab Batch Date: 2022-04-27
Completion Date: 2022-05-02

Initial Gross Weight: 229.970 g
Net Weight: 16.100 g

Number of Units: 15
Net Weight per Unit: 1073.333 mg



Product Image

Potency Tested	Terpenes Tested	Heavy Metals Passed	Mycotoxins Passed	Pesticides Passed
Residual Solvents Passed	Moisture Not Tested	Water Activity Passed	Pathogenic Passed	Microbiology (qPCR) Passed
Filth and Foreign Passed	Total Contaminant Load Passed			

Potency - 11

Specimen Weight: 55.350 mg

Tested
(LCUV)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-9 THC	1000.000	0.000013	0.001	881.300	88.130
CBG	100.000	0.000248	0.001	23.840	2.384
CBC	100.000	0.000018	0.001	9.540	0.954
CBN	100.000	0.000014	0.001	6.650	0.665
THCV	100.000	0.000007	0.001	4.890	0.489
Delta-8 THC	100.000	0.000026	0.001	<LOQ	
CBD	100.000	0.000054	0.001	<LOQ	
CBGA	100.000	0.000008	0.001	<LOQ	
CBDV	100.000	0.000065	0.001	<LOQ	
CBDA	100.000	0.000001	0.001	<LOQ	
THCA	100.000	0.000032	0.001	<LOQ	

Sample Prepared By: 1214 Date: 2022-04-28 18:20:23 Sample Analyzed By: 1142 Date: 2022-04-28 12:39:39
Batch Reviewed By: 1203 Date: 2022-04-29 22:40:47 Lab Batch #: AACT433-174 Date: 2022-04-29 22:40:47

Potency Summary

Total THC 88.130% 945.930mg	Total CBD None Detected
Total CBG 2.384% 25.590mg	Total CBN 0.665% 7.130mg
Other Cannabinoids 1.442% 15.480mg	Total Cannabinoids 92.621% 994.130mg

Terpenes Summary

Analyte	Result (mg/g)	(%)
trans-Caryophyllene	10.72	1.072%
Farnesene	7.96	0.796%
beta-Pinene	7.21	0.721%
alpha-Humulene	4.53	0.453%
Linalool	3.53	0.353%
(R)-(+)-Limonene	3.4	0.34%
Fenchyl Alcohol	1.11	0.111%

Total Terpenes: 3.846%

Detailed Terpenes Analysis is on the following page

Xueli Gao
Ph.D., DABT
Lab Toxicologist

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, (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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Production Date: 2022-04-27

Order # TRU220427-050001
Order Date: 2022-04-27
Sample # AACT433

Sampling Date: 2022-04-27
Lab Batch Date: 2022-04-27
Completion Date: 2022-05-02

Initial Gross Weight: 229.970 g
Net Weight: 16.100 g

Number of Units: 15
Net Weight per Unit: 1073.333 mg

Terpenes

Specimen Weight: 45.470 mg

Tested (GC/GCMS)

Dilution Factor: 20.000

Analyte	Dilution (1:n)	LOQ (%)	Result (mg/g)	(%)	Analyte	Dilution (1:n)	LOQ (%)	Result (mg/g)	(%)
trans-Caryophyllene	1.000	0.002	10.720	1.072	Guaiol	1.000	0.002	<LOQ	<LOQ
Farnesene	1.000	0.002	7.960	0.796	(+)-Cedrol	1.000	0.002	<LOQ	<LOQ
beta-Pinene	1.000	0.002	7.210	0.721	Geraniol	1.000	0.002	<LOQ	<LOQ
alpha-Humulene	1.000	0.002	4.530	0.453	beta-Myrcene	1.000	0.002	<LOQ	<LOQ
Linalool	1.000	0.002	3.530	0.353	3-Carene	1.000	0.002	<LOQ	<LOQ
(R)-(+)-Limonene	1.000	0.002	3.400	0.340	alpha-Bisabolol	1.000	0.002	<LOQ	<LOQ
Fenchyl Alcohol	1.000	0.002	1.110	0.111	alpha-Cedrene	1.000	0.002	<LOQ	<LOQ
Terpinolene	1.000	0.002	<LOQ	<LOQ	alpha-Phellandrene	1.000	0.002	<LOQ	<LOQ
Sabinene Hydrate	1.000	0.002	<LOQ	<LOQ	alpha-Pinene	1.000	0.002	<LOQ	<LOQ
Sabinene	1.000	0.002	<LOQ	<LOQ	alpha-Terpinene	1.000	0.002	<LOQ	<LOQ
Pulegone	1.000	0.002	<LOQ	<LOQ	Borneol	1.000	0.004	<LOQ	<LOQ
Geranyl acetate	1.000	0.002	<LOQ	<LOQ	Gamma-Terpinene	1.000	0.002	<LOQ	<LOQ
Ocimene	1.000	0.000	<LOQ	<LOQ	Camphene	1.000	0.002	<LOQ	<LOQ
Nerol	1.000	0.002	<LOQ	<LOQ	Camphors	1.000	0.006	<LOQ	<LOQ
Total Terpeneol	20.000	0.001	<LOQ	<LOQ	Caryophyllene oxide	1.000	0.002	<LOQ	<LOQ
Isopulegol	1.000	0.002	<LOQ	<LOQ	cis-Nerolidol	1.000	0.002	<LOQ	<LOQ
Isoborneol	1.000	0.002	<LOQ	<LOQ	Eucalyptol	1.000	0.002	<LOQ	<LOQ
Hexahydrothymol	1.000	0.002	<LOQ	<LOQ	Fenchone	1.000	0.002	<LOQ	<LOQ
trans-Nerolidol	1.000	0.002	<LOQ	<LOQ	Valencene	1.000	0.002	<LOQ	<LOQ

Sample Prepared By: 1228 Date: 2022-04-28 19:07:44 Sample Analyzed By: 1027 Date: 2022-04-28 14:07:44
Batch Reviewed By: 1155 Date: 2022-04-29 12:24:02 Lab Batch #: AACT433-175 Date: 2022-04-29 12:24:02

Total Terpenes: 3.846%

Mycotoxins

Specimen Weight: 274.500 mg

Passed (LCMS)

Heavy Metals

Specimen Weight: 249.580 mg

Passed (ICP-MS)

Dilution Factor: 5.465

Analyte	Dilution (1:n)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	Dilution (1:n)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	5.465	6	20	<LOQ	Aflatoxin G2	5.465	6	20	<LOQ	Arsenic (As)	100	200	<LOQ
Aflatoxin B2	5.465	6	20	<LOQ	Ochratoxin A	5.465	12	20	<LOQ	Cadmium (Cd)	100	200	<LOQ
Aflatoxin G1	5.465	6	20	<LOQ						Lead (Pb)	100	500	<LOQ
										Mercury (Hg)	100	200	<LOQ

Sample Prepared By: 1225 Date: 2022-04-28 16:55:39 Sample Analyzed By: 1225 Date: 2022-04-28 11:55:39
Batch Reviewed By: 1183 Date: 2022-05-01 20:15:08 Lab Batch #: AACT433-165 Date: 2022-05-01 20:15:08

Sample Prepared By: 1204 Date: 2022-04-29 01:27:14 Sample Analyzed By: 1216 Date: 2022-04-29 20:27:14
Batch Reviewed By: 1216 Date: 2022-04-29 14:49:33 Lab Batch #: AACT433-4 Date: 2022-04-29 14:49:33

Xueli Gao
Ph.D., DABT
Lab Toxicologist

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



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Sample # AACT433

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Completion Date: 2022-05-02

Initial Gross Weight: 229.970 g
Net Weight: 16.100 g

Number of Units: 15
Net Weight per Unit: 1073.333 mg

Pesticides FL V4

Specimen Weight: 274.500 mg

Passed
(LCMS/GCMS)



Residual Solvents - FL

Specimen Weight: 10.400 mg

Passed
(GCMS)

Dilution Factor: 5.465

Analyte	Dilution (1:n)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	Dilution (1:n)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	5.465	28.23	100	<LOQ	Fludioxonil	5.465	48	100	<LOQ
Acephate	5.465	30	100	<LOQ	Hexythiazox	5.465	30	100	<LOQ
Acequinocyl	5.465	48	100	<LOQ	Imazalil	5.465	30	100	<LOQ
Acetamiprid	5.465	30	100	<LOQ	Imidacloprid	5.465	30	400	<LOQ
Aldicarb	5.465	30	100	<LOQ	Kresoxim Methyl	5.465	30	100	<LOQ
Azoxystrobin	5.465	10	100	<LOQ	Malathion	5.465	30	100	<LOQ
Bifenazate	5.465	30	100	<LOQ	Metaxyl	5.465	10	100	<LOQ
Bifenthrin	5.465	30	100	<LOQ	Methiocarb	5.465	30	100	<LOQ
Boscalid	5.465	10	100	<LOQ	Methomyl	5.465	30	100	<LOQ
Captan	5.465	30	700	<LOQ	methyl-Parathion	5.465	10	100	<LOQ
Carbaryl	5.465	10	500	<LOQ	Mevinphos	5.465	10	100	<LOQ
Carbofuran	5.465	10	100	<LOQ	Myclobutanil	5.465	30	100	<LOQ
Chlorantraniliprole	5.465	10	1000	<LOQ	Naled	5.465	30	250	<LOQ
Chlordane	5.465	10	100	<LOQ	Oxamyl	5.465	30	500	<LOQ
Chlorfenapyr	5.465	30	100	<LOQ	Paclobutrazol	5.465	30	100	<LOQ
Chlormequat Chloride	5.465	10	1000	<LOQ	Pentachloronitrobenzene	5.500	10	150	<LOQ
Chlorpyrifos	5.465	30	100	<LOQ	Permethrin	5.465	30	100	<LOQ
Clofentezine	5.465	30	200	<LOQ	Phosmet	5.465	30	100	<LOQ
Coumaphos	5.465	48	100	<LOQ	Piperonylbutoxide	5.465	30	3000	<LOQ
Cyfluthrin	5.465	30	500	<LOQ	Prallethrin	5.465	30	100	<LOQ
Cypermethrin	5.465	30	500	<LOQ	Propiconazole	5.465	30	100	<LOQ
Daminozide	5.465	30	100	<LOQ	Propoxur	5.465	30	100	<LOQ
Diazinon	5.465	30	100	<LOQ	Pyrethrins	5.465	30	500	<LOQ
Dichlorvos	5.465	30	100	<LOQ	Pyridaben	5.465	30	200	<LOQ
Dimethoate	5.465	30	100	<LOQ	Spinetoram	5.465	10	200	<LOQ
Dimethomorph	5.465	48	200	<LOQ	Spinosad	5.465	30	100	<LOQ
Ethoprophos	5.465	30	100	<LOQ	Spiromesifen	5.465	30	100	<LOQ
Etofenprox	5.465	30	100	<LOQ	Spirotetramat	5.465	30	100	<LOQ
Etoxazole	5.465	30	100	<LOQ	Spiroxamine	5.465	30	100	<LOQ
Fenhexamid	5.465	10	100	<LOQ	Tebuconazole	5.465	30	100	<LOQ
Fenoxycarb	5.465	30	100	<LOQ	Thiacloprid	5.465	30	100	<LOQ
Fenpyroximate	5.465	30	100	<LOQ	Thiamethoxam	5.465	30	500	<LOQ
Fipronil	5.465	30	100	<LOQ	Trifloxystrobin	5.465	30	100	<LOQ
Flonicamid	5.465	30	100	<LOQ					

Sample Prepared By: 1225 Date: 2022-04-28 16:55:39 Sample Analyzed By: 1225 Date: 2022-04-28 11:55:39
Batch Reviewed By: 1183 Date: 2022-05-01 20:15:08 Lab Batch #: AACT433-191 Date: 2022-05-01 20:15:08

Dilution Factor: 1.000

Analyte	Dilution (1:n)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	Dilution (1:n)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	1.000	0.16	8	<LOQ	Heptane	1.000	1.39	5000	<LOQ
1,2-Dichloroethane	1.000	0.04	2	<LOQ	Hexane	1.000	1.17	250	<LOQ
Acetone	1.000	2.08	750	<LOQ	Isopropyl alcohol	1.000	1.39	500	<LOQ
Acetonitrile	1.000	1.17	60	<LOQ	Methanol	1.000	0.69	250	<LOQ
Benzene	1.000	0.02	1	<LOQ	Methylene chloride	1.000	2.43	125	<LOQ
Butanes	1.000	2.5	5000	<LOQ	Pentane	1.000	2.08	750	<LOQ
Chloroform	1.000	0.04	2	<LOQ	Propane	1.000	5.83	5000	<LOQ
Ethanol	1.000	2.78	5000	79.886	Toluene	1.000	2.92	150	<LOQ
Ethyl Acetate	1.000	1.11	400	<LOQ	Total Xylenes	1.000	2.92	150	<LOQ
Ethyl Ether	1.000	1.39	500	<LOQ	Trichloroethylene	1.000	0.49	25	<LOQ
Ethylene Oxide	1.000	0.1	5	<LOQ					

Sample Prepared By: 1208 Date: 2022-04-28 13:46:27 Sample Analyzed By: 1051 Date: 2022-04-28 08:46:27
Batch Reviewed By: 1051 Date: 2022-04-29 14:33:13 Lab Batch #: AACT433-23 Date: 2022-04-29 14:33:13



Pathogenic SAE (qPCR)

Specimen Weight: 251.900 mg

Passed
(qPCR)

Dilution Factor: 1.000

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

Sample Prepared By: 1161 Date: 2022-04-29 15:15:23 Sample Analyzed By: 1161 Date: 2022-04-29 10:15:24
Batch Reviewed By: 1088 Date: 2022-04-30 18:54:31 Lab Batch #: AACT433-25 Date: 2022-04-30 18:54:31



Water Activity

Specimen Weight: 0.500 g

Passed
(Water Activity Analyzer)

Dilution Factor: 1.000

Analyte	Action Level (aw)	Result (aw)
Water Activity	0.65	0.324

Sample Prepared By: 1152 Date: 2022-04-28 19:07:45 Sample Analyzed By: 1152 Date: 2022-04-28 14:07:45
Batch Reviewed By: 1152 Date: 2022-04-28 14:08:19 Lab Batch #: AACT433-11 Date: 2022-04-28 14:08:19

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Net Weight per Unit: 1073.333 mg



Filth and Foreign Material

Passed

(Visual/Microscope)

Net Weight: 16.100 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: 1035 Date: 2022-04-28 02:33:34 Sample Analyzed By: 1035 Date: 2022-04-28 21:33:34
Batch Reviewed By: 1035 Date: 2022-04-27 21:33:44 Lab Batch #: AACT433-177 Date: 2022-04-27 21:33:44



Total Yeast and Mold

Passed

(qPCR)

Specimen Weight: 241.100 mg

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result
Total Yeast/Mold	100000	Passed

Sample Prepared By: 1088 Date: 2022-04-28 16:41:21 Sample Analyzed By: 1088 Date: 2022-04-28 11:41:22
Batch Reviewed By: 1161 Date: 2022-04-29 09:30:21 Lab Batch #: AACT433-218 Date: 2022-04-29 09:30:21



Total Contaminant Load

Passed

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

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 = 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
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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