



Certificate of Analysis

Sample:GA11129001-002
Harvest/Lot ID: 29026_0001463824
Batch#: 29025_0001463824
Cultivation Facility: Quincy Cultivation
Processing Facility : Midway Processing
Seed to Sale# 29025_0001463824
Batch Date: 11/29/21
Sample Size Received: 273 gram
Total Weight/Volume: 10597 gram
Retail Product Size: 7 gram
Ordered : 11/29/21
sampled : 11/29/21
Completed: 12/02/21
Sampling Method: SOP.T.20.010


Dec 02, 2021 | TRULIEVE


6749 BEN BOSTIC ROAD
Quincy, FL, 32351, US





PASSED
Page 1 of 4


PRODUCT IMAGE **SAFETY RESULTS** **MISC.**






Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED


Residuals Solvents
NOT TESTED


Filtration
PASSED


Water Activity
PASSED


Moisture
PASSED


Terpenes
TESTED

CANNABINOID RESULTS


Total THC
15.289%
TOTAL THC/Container :1070.23 mg


Total CBD
0.091%
TOTAL CBD/Container :6.37 mg


Total Cannabinoids
17.891%
Total Cannabinoids/Container :1252.37 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	ND	0.104	0.307	0.085	ND	ND	ND	0.275	ND	ND	17.12
mg/g	ND	1.04	3.07	0.85	ND	ND	ND	2.75	ND	ND	171.2
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
%	%	%	%	%	%	%	%	%	%	%	%

Filtration **PASSED**

Analyzed By	Weight	Extraction date	Extracted By
3209	271g	11/29/21	3209
Analyte	LOD	Result	
Filtration and Foreign Material	0.1	ND	
Analysis Method -SOP.T.40.013		Batch Date : 11/29/21 16:33:00	
Analytical Batch -GA034753FIL		Reviewed On - 11/29/21 17:43:12	
Instrument Used : GA-Filtration/Foreign Material Microscope			

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-2B/T Stereo Microscope is used for inspection.

Water Activity **PASSED**

Analyte	Analyzed by	Weight	Ext. date	LOD	A.L	Result
WATER ACTIVITY	3209	3.1121g	11/29/21	0.01 aw	0.65aw	0.502aw
Analysis Method -Water Activity		Batch Date : 11/28/21 14:43:55				
SOP.T.40.010		Reviewed On - 11/29/21 20:35:33				
Analytical Batch -GA034712WAT						
Instrument Used : GA-085 Rotronic HygroPalm						

Moisture **PASSED**

Analyte	Analyzed by	Weight	Ext. date	LOD	A.L	Result
MOISTURE CONTENT	3209	0.58g	11/30/21	1%	15%	12.26%
Analysis Method -Moisture		Batch Date : 11/30/21 09:59:27				
Analysis SOP.T.40.011		Reviewed On - 12/01/21 08:00:42				
Analytical Batch -GA034774MOI						
Instrument Used : GA-143 Moisture Analyzer						

Shimadzu moisture balance moc63u

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
2507	0.2129g	11/30/21 05:11:20	3192
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 12/01/21 16:51:51	
Analytical Batch -GA034717POT		Batch Date : 11/28/21 16:07:43	
Instrument Used : GA-HPLC-001 2030C Plus Running On : 11/30/21 18:45:25			

Reagent	Dilution	Consums. ID
060920.24	400	947.271
012921.13		470228-424
110821.R36		9291.271
111721.R61		110921
111721.R63		12035-035CD-035C
		RONB32898
		00295461

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis. LOQ for all cannabinoids is 1 mg/L).

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Rob Bruton
Lab Director
State License # CMTL-0001
ISO Accreditation # ISO/IEC
17025:2017 Accreditation
PJLA-Testing 97164


Signature

12/02/21
Signed On



Certificate of Analysis

PASSED

TRULIEVE

6749 BEN BOSTIC ROAD
Quincy, FL, 32351, US
Telephone: (850) 777-3026
Email: Carlos.Ledezma@trulieve.com

Sample : GA11129001-002

Harvest/LOT ID: 29026_0001463824

Batch# :

29025_0001463824

Sampled : 11/29/21

Ordered : 11/29/21

Sample Size Received : 273 gram

Total Weight/Volume : 10597 gram

Completed : 12/02/21 Expires: 12/02/22

Sample Method : SOP.T.20.010

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Terpenes

TESTED

Terpenes	LOD(%)	mg/g	%	Result (%)	Terpenes	LOD(%)	mg/g	%	Result (%)
TOTAL TERPINEOL	0.007	ND	ND		BORNEOL	0.013	ND	ND	
CAMPHENE	0.007	ND	ND		GERANIOL	0.007	ND	ND	
BETA-MYRCENE	0.007	1.04	0.104		PULEGONE	0.007	ND	ND	
3-CARENE	0.007	ND	ND		ALPHA-CEDRENE	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	ND	ND		ALPHA-HUMULENE	0.007	0.69	0.069	
OCIMENE	0.007	< 0.2	< 0.02		TRANS-NEROLIDOL	0.007	ND	ND	
EUCALYPTOL	0.007	ND	ND		GUAJOL	0.007	ND	ND	
LINALOOL	0.007	1.03	0.103						
FENCHONE	0.007	ND	ND						
ISOPULEGOL	0.007	ND	ND						
ISOBORNEOL	0.007	ND	ND						
HEXAHYDROTHYMOL	0.007	ND	ND						
NEROL	0.007	ND	ND						
GERANYL ACETATE	0.007	ND	ND						
BETA-CARYOPHYLLENE	0.007	2.76	0.276						
VALENCENE	0.007	ND	ND						
CEDROL	0.007	ND	ND						
CIS-NEROLIDOL	0.007	ND	ND						
FARNESENE	0.007	< 0.2	< 0.02						
CARYOPHYLLENE OXIDE	0.007	ND	ND						
ALPHA-BISABOLOL	0.007	0.81	0.081						
ALPHA-PINENE	0.007	ND	ND						
SABINENE	0.007	ND	ND						
BETA-PINENE	0.007	ND	ND						
ALPHA-TERPINENE	0.007	ND	ND						
LIMONENE	0.007	1.25	0.125						
GAMMA-TERPINENE	0.007	ND	ND						
TERPINOLENE	0.007	ND	ND						
SABINENE HYDRATE	0.007	ND	ND						
FENCHYL ALCOHOL	0.007	< 0.2	< 0.02						
CAMPHOR	0.013	ND	ND						
Total (%)		0.758							



Terpenes

TESTED

Analyzed by	Weight	Extraction date	Extracted By
2155	1.022g	11/30/21 05:11:31	3209
Analysis Method -SOP.T.40.090			
Analytical Batch -GA034772TER			
Instrument Used : GA-GCMS-005 QP2020NX			
Running On : 12/01/21 10:32:54			
Batch Date : 11/30/21 09:57:56			
Reagent	Dilution	Consums. ID	
060920.24	100	947.271	
091021.R15		470228-424	
010421.29		9291.271	
		200721	
		210419634	
		R0N832898	
		00295461	

Terpenoid profile screening is performed using GC-MS/MS TQ-8040 with Liquid Injection (Gas Chromatography - Mass Spectrometer Triple Quad) which can screen 37 terpenes using Method SOP.T.40.090 Terpenoid Analysis Via GC-MS/MS.

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Rob Bruton
Lab Director

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Signature

12/02/21

Signed On



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PASSED
TRULIEVE

 6749 BEN BOSTIC ROAD
 Quincy, FL, 32351, US
Telephone: (850) 777-3026
Email: Carlos.Ledezma@trulieve.com

Sample : GA11129001-002

Harvest/LOT ID: 29026_0001463824

Batch# :
 29025_0001463824

Sampled : 11/29/21
Ordered : 11/29/21

Sample Size Received : 273 gram

Total Weight/Volume : 10597 gram

Completed : 12/02/21 **Expires:** 12/02/22

Sample Method : SOP.T.20.010


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Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.1	ND	PROPOXUR	0.01	ppm	0.1	ND
ACEPHATE	0.01	ppm	0.1	ND	PYRETHRINS	0.05	ppm	0.5	ND
ACEQUINOXYL	0.01	ppm	0.1	ND	PYRIDABEN	0.02	ppm	0.2	ND
ACETAMIPRID	0.01	ppm	0.1	ND	SPIROMESIFEN	0.01	ppm	0.1	ND
ALDICARB	0.01	ppm	0.1	ND	SPIROTETRAMAT	0.01	ppm	0.1	ND
AZOXYSTROBIN	0.01	ppm	0.1	ND	SPIROXAMINE	0.01	ppm	0.1	ND
BIFENAZATE	0.01	ppm	0.1	ND	TEBUCONAZOLE	0.01	ppm	0.1	ND
BIFENTHRIN	0.01	ppm	0.1	ND	THIACLOPRID	0.01	ppm	0.1	ND
BOSCALID	0.01	PPM	0.1	ND	THIAMETHOXAM	0.05	ppm	0.5	ND
CARBARYL	0.05	ppm	0.5	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0.005	PPM		ND
CARBOFURAN	0.01	ppm	0.1	ND	TOTAL DIMETHOMORPH	0.02	PPM	0.2	ND
CHLORANTRANILIPROLE	0.1	ppm	1	ND	TOTAL PERMETHRIN	0.01	ppm	0.1	ND
CHLORMEQUAT CHLORIDE	0.1	ppm	1	ND	TOTAL SPINETORAM	0.02	PPM	0.2	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	TOTAL SPINOSAD	0.01	ppm	0.1	ND
CLOFENTEZINE	0.02	ppm	0.2	ND	TRIFLOXYSTROBIN	0.01	ppm	0.1	ND
COUMAPHOS	0.01	ppm	0.1	ND	PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.15	ND
DAMINOZIDE	0.01	ppm	0.1	ND	PARATHION-METHYL *	0.01	PPM	0.1	ND
DIAZINON	0.01	ppm	0.1	ND	CAPTAN *	0.025	PPM	0.7	ND
DICHLORVOS	0.01	ppm	0.1	ND	CHLORDANE *	0.01	PPM	0.1	ND
DIMETHOATE	0.01	ppm	0.1	ND	CHLORFENAPYR *	0.01	PPM	0.1	ND
ETHOPROPHOS	0.01	ppm	0.1	ND	CYFLUTHRIN *	0.01	PPM	0.5	ND
ETOFENPROX	0.01	ppm	0.1	ND	CYPERMETHRIN *	0.01	PPM	0.5	ND
ETOXAZOLE	0.01	ppm	0.1	ND					
FENHEXAMID	0.01	ppm	0.1	ND					
FENOXYCARB	0.01	ppm	0.1	ND					
FENPYROXIMATE	0.01	ppm	0.1	ND					
FIPRONIL	0.01	ppm	0.1	ND					
FLONICAMID	0.01	ppm	0.1	ND					
FLUDIOXONIL	0.01	ppm	0.1	ND					
HEXYTHIAZOX	0.01	ppm	0.1	ND					
IMAZALIL	0.01	ppm	0.1	ND					
IMIDACLOPRID	0.04	ppm	0.4	ND					
KRESOXIM-METHYL	0.01	ppm	0.1	ND					
MALATHION	0.02	ppm	0.2	ND					
METALAXYL	0.01	ppm	0.1	ND					
METHIOCARB	0.01	ppm	0.1	ND					
METHOMYL	0.01	ppm	0.1	ND					
MEVINPHOS	0.01	ppm	0.1	ND					
MYCLOBUTANIL	0.01	ppm	0.1	ND					
NALED	0.025	ppm	0.25	ND					
OXAMYL	0.05	ppm	0.5	ND					
PACLOBUTRAZOL	0.01	ppm	0.1	ND					
PHOSMET	0.01	ppm	0.1	ND					
PIPERONYL BUTOXIDE	0.3	ppm	3	ND					
PRALLETHRIN	0.01	ppm	0.1	ND					
PROPICONAZOLE	0.01	ppm	0.1	ND					



Pesticides

PASSED

Analyzed by 650, 650	Weight 0.9946g	Extraction date 11/29/21 05:11:41	Extracted By 3057, 3057
<small>Analysis Method - SOP.T.30.065, SOP.T.40.065, SOP.T.40.066, SOP.T.40.070, SOP.T.30.065, SOP.T.40.070</small>			
<small>Analytical Batch - GA034710PES, GA034758VOL</small>			
<small>Instrument Used : GA-LCMS-002 PES, GA-GCMS-003</small>			<small>Reviewed On- 11/29/21 17:43:12</small>
<small>Running On : 11/29/21 17:02:26, 11/30/21 11:18:37</small>			
<hr/>			
Reagent	Dilution	Consums. ID	
<small>066920.24</small>	10	947.271	
<small>111721.A55</small>		470228-424	
<small>111721.A52</small>		9291.271	
<small>111721.A53</small>		110921	
		210419634	
		29017195	

Pesticide screen is performed using LC-MS and/or GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 67 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and GCMSMS. SOP.T.40.065/SOP.T.40.066/SOP.T.40.070 Procedure for Pesticide Quantification Using LCMS and GCMS). * Volatile Pesticide screening is performed using GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Analytes marked with an asterisk were tested using GC-MS.

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Rob Bruton
 Lab Director


 Signature

12/02/21

 State License # CMTL-0001
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 17025:2017 Accreditation
 PJA-Testing 97164

Signed On



Certificate of Analysis

PASSED

TRULIEVE

6749 BEN BOSTIC ROAD
Quincy, FL, 32351, US
Telephone: (850) 777-3026
Email: Carlos.Ledezma@trulieve.com

Sample : GA11129001-002
Harvest/LOT ID: 29026_0001463824
Batch# : 29025_0001463824
Sample Size Received : 273 gram
Total Weight/Volume : 10597 gram
Completed : 12/02/21 **Expires:** 12/02/22
Sampled : 11/29/21
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Sample Method : SOP.T.20.010

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	Microbials	PASSED		Mycotoxins	PASSED
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Analyte	LOD	Result	Action Level
ESCHERICHIA_COLI_SHIGELLA_SPP		not present in 1 gram.	
SALMONELLA_SPECIFIC_GENE		not present in 1 gram.	
ASPERGILLUS_FLAVUS		not present in 1 gram.	
ASPERGILLUS_FUMIGATUS		not present in 1 gram.	
ASPERGILLUS_TERREUS		not present in 1 gram.	
ASPERGILLUS_NIGER		not present in 1 gram.	
TOTAL YEAST AND MOLD	10	14300 CFU	100000
QUANT TOTAL EC	100	ND CFU/g	

Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041
Analytical Batch -GA034877MIC , GA034757TYM **Batch Date :** 12/01/21 14:04:13, 11/29/21 17:31:56
Instrument Used : GA-093 PathogenDx Scanner (MIC), GA-102 Fungal Incubator (TYM)
Running On : 11/29/21 19:35:00

Analyzed by 1790, 1790 **Weight** 1g **Extraction date** 12/01/21 08:12:37 **Extracted By** 2119,

Reagent	Dilution	Consums. ID
060920.24	90	ISO714.VSD233
080120.R01		BUG015
080521.R33		ISO717.BDG200067
032421.R19		006107
110221.22		

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing. Pour-plating is used for quantitation and confirmation, Total Yeast and Mold has an action limit of 100,000 CFU.

Analyte	LOD	Units	Result	Action Level
AFLATOXIN G2	0.002	ppm	ND	0.02
AFLATOXIN G1	0.002	ppm	ND	0.02
AFLATOXIN B2	0.002	ppm	ND	0.02
AFLATOXIN B1	0.002	ppm	ND	0.02
OCHRATOXIN A	0.002	ppm	ND	0.02

Analysis Method -SOP.T.30.065, SOP.T.40.065
Analytical Batch -GA034755MYC | **Reviewed On** - 11/30/21 16:01:57
Instrument Used : GA-LCMS-002 MYC
Running On :
Batch Date : 11/29/21 17:30:55

Analyzed by 650 **Weight** 0.9946g **Extraction date** 11/29/21 05:11:41 **Extracted By** 3057

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T.40.065 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Aflatoxin B1, B2, G1, and G2 must individually be <20ug/Kg. Ochratoxins must be <20ug/Kg.

	Heavy Metals	PASSED
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Reagent	Reagent	Dilution	Consums. ID
102621.R20	061621.03	100	CGR0114
101921.R05	010421.51		12035-035CD-035C
082421.R43			
082421.R46			
112221.R40			
112221.R39			

Metal	LOD	Unit	Result	Action Level
ARSENIC	0.02	PPM	ND	0.2
CADMIUM	0.02	PPM	ND	0.2
MERCURY	0.02	PPM	ND	0.2
LEAD	0.05	PPM	ND	0.5

Analyzed by 2338 **Weight** 0.2306g **Extraction date** 11/30/21 05:11:05 **Extracted By** 3134

Analysis Method -SOP.T.40.050, SOP.T.30.052, SOP.T.30.053, SOP.T.40.051
Analytical Batch -GA034773HEA | **Reviewed On** - 12/01/21 16:53:22
Instrument Used : GA-ICPMS-002
Running On : 12/01/21 10:46:14
Batch Date : 11/30/21 09:58:28

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) using Method SOP.T.30.052, SOP.T.30.053 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050, SOP.T.40.051 Heavy Metals Analysis via ICP-MS.