



Certificate of Analysis

Sample:GA11114001-009
Harvest/Lot ID: 25096_0001384795
Batch#: 24383_0001384795
Cultivation Facility: Quincy Cultivation
Processing Facility : Midway Processing
Seed to Sale# 24383_0001384795
Batch Date: 11/12/21
Sample Size Received: 161 gram
Total Weight/Volume: 6640 gram
Retail Product Size: 7 gram
Ordered : 11/13/21
sampled : 11/13/21
Completed: 11/17/21
Sampling Method: SOP.T.20.010

Nov 17, 2021 | TRULIEVE
6749 BEN BOSTIC ROAD
Quincy, FL, 32351, US



PASSED
Page 1 of 4

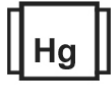
PRODUCT IMAGE



SAFETY RESULTS



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
18.926%
TOTAL THC/Container :1324.82 mg



Total CBD
0.058%
TOTAL CBD/Container :4.06 mg



Total Cannabinoids
22.64%
Total Cannabinoids/Container :1584.8 mg

	CBDV	CBDa	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	ND	0.066	0.892	0.13	ND	ND	ND	0.218	ND	ND	21.331
mg/g	ND	0.66	8.92	1.3	ND	ND	ND	2.18	ND	ND	213.31
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
1541	171g	11/14/21	2821
Analyte	LOD	Result	
Filtration and Foreign Material	0.1	ND	
Analysis Method -SOP.T.40.013		Batch Date : 11/14/21 13:14:04	
Analytical Batch -GA034082FIL		Reviewed On - 11/16/21 14:55:46	
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	2507	3.2333g	11/15/21	0.01 aw	0.65aw	0.47aw
Analysis Method -Water Activity		Batch Date : 11/14/21 15:05:14				
SOP.T.40.010		Reviewed On - 11/16/21 11:13:25				
Analytical Batch -GA034090WAT				Instrument Used : GA-085 Rotronic HygroPalm		

Moisture PASSED

Analyte	Analyzed by	Weight	Ext. date	LOD	A.L.	Result
MOISTURE CONTENT	3134	0.508g	11/15/21	1%	15%	10.04%
Analysis Method -Moisture		Batch Date : 11/14/21 15:05:21				
Analysis SOP.T.40.011		Reviewed On - 11/16/21 11:11:17				
Analytical Batch -GA034091MOI				Instrument Used :		

Shimadzu moisture balance moc63u

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
2338	0.2136g	11/14/21 04:11:59	2821
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On : 11/16/21 13:50:36	
Analytical Batch -GA034069POT		Batch Date : 11/12/21 17:42:05	
Instrument Used : GA-HPLC-003 2030C PDA Running On : 11/15/21 10:15:41			

Reagent	Dilution	Consums. ID
110821.R36	400	947.271
060920.24		470228-424
092821.13		9291.271
110921.R06		110921
110921.R08		12035-035CD-035C
		R0NB32898
		00310305

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

11/17/21

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 : GA11114001-009
Harvest/LOT ID: 25096_0001384795
Batch# : 24383_0001384795
Sampled : 11/13/21
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Sample Size Received : 161 gram
Total Weight/Volume : 6640 gram
Completed : 11/17/21 Expires: 11/17/22
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	0.37	0.037		BORNEOL	0.013	ND	ND	
CAMPHENE	0.007	0.27	0.027		GERANIOL	0.007	ND	ND	
BETA-MYRCENE	0.007	1.45	0.145		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	0.68	0.068	
OCIMENE	0.007	ND	ND		TRANS-NEROLIDOL	0.007	ND	ND	
EUCALYPTOL	0.007	ND	ND		GUAJOL	0.007	0.54	0.054	
LINALOOL	0.007	1.38	0.138						
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	1.74	0.174						
VALENCENE	0.007	ND	ND						
CEDROL	0.007	ND	ND						
CIS-NEROLIDOL	0.007	ND	ND						
FARNESENE	0.007	0.23	0.023						
CARYOPHYLLENE OXIDE	0.007	ND	ND						
ALPHA-BISABOLOL	0.007	0.53	0.053						
ALPHA-PINENE	0.007	0.31	0.031						
SABINENE	0.007	ND	ND						
BETA-PINENE	0.007	0.42	0.042						
ALPHA-TERPINENE	0.007	ND	ND						
LIMONENE	0.007	3.74	0.374						
GAMMA-TERPINENE	0.007	ND	ND						
TERPINOLENE	0.007	ND	ND						
SABINENE HYDRATE	0.007	ND	ND						
FENCHYL ALCOHOL	0.007	0.7	0.07						
CAMPHOR	0.013	ND	ND						
Total (%)		1.241							



Terpenes

TESTED

Analyzed by: 2155 Weight: 0.9304g Extraction date: 11/14/21 04:11:34 Extracted By: 2821

Analysis Method - SOP.T.40.090 Analytical Batch - GA034059TER Instrument Used - GA-GCMS-002 QP20105 Reviewed On - 11/16/21 11:05:42

Running On : 11/15/21 12:34:30

Batch Date : 11/12/21 17:30:02

Reagent Dilution Consums. ID

060920.24 100 947.271
091021.R15 470228-424
071221.09 9291.271
110921
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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Batch# :

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Completed : 11/17/21 **Expires:** 11/17/22

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
ACEQUINOCYL	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 1541, 1541	Weight 1.0057g	Extraction date 11/14/21 04:11:31	Extracted By 2507, 2507
<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 - GA034063PES, GA034096VOL</small>		<small>Reviewed On- 11/16/21 14:55:46</small>	
<small>Instrument Used : GA-LCMS-001 PES, GA-GCMS-003</small>			
<small>Running On : 11/15/21 16:38:02, 11/15/21 17:14:06</small>		<small>Batch Date : 11/12/21 17:33:57</small>	
Reagent	Dilution	Consums. ID	
066920.24	10	947.271	
111621.870		470228-424	
110321.861		9291.271	
110321.862		110921	
		130611634	
		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

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


 Signature

11/17/21

Signed On



Certificate of Analysis

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Microbials
PASSED

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	100 CFU	100000

Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041
Analytical Batch -GA034094MIC , GA034095TYM Batch Date : 11/14/21 17:21:39, 11/14/21 17:22:11
Instrument Used : GA-MIC-001 bioMérieux Gene Up RTPCR,
Running On : 11/15/21 19:06:18, 11/15/21 19:06:18

Analyzed by	Weight	Extraction date	Extracted By
2119, 1828	0.8g	11/14/21 06:11:09	1828,

Reagent	Dilution	Consums. ID	Consums. ID
060920.24	90	1931980	ISO717.BDG200067
110921.R44		ISO637.ASP053	2105242
		VSD234	111425
		BUG014	
		1008776120	
		ISO683.SSC001	

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.


Mycotoxins
PASSED

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 -GA034097MYC | Reviewed On - 11/16/21 11:41:02
Instrument Used : GA-LCMS-001 MYC
Running On :
Batch Date : 11/15/21 08:32:42

Analyzed by	Weight	Extraction date	Extracted By
1541	1.0057g	11/14/21 04:11:31	2507

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

Reagent	Reagent	Dilution	Consums. ID
111021.R26	082421.R43	100	CGR0114
111321.R01	082421.R46		12035-035CD-035C
061621.03			
060920.24			
102621.R20			
101921.R05			

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	Weight	Extraction date	Extracted By
2338	0.2479g	11/15/21 12:11:54	2820

Analysis Method -SOP.T.40.050, SOP.T.30.052, SOP.T.30.053, SOP.T.40.051
Analytical Batch -GA034093HEA | Reviewed On - 11/17/21 09:51:12
Instrument Used : GA-ICPMS-002
Running On : 11/15/21 16:48:27
Batch Date : 11/14/21 15:10:40

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.

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