



Certificate of Analysis

Jul 09, 2021 | TRULIEVE

6749 BEN BOSTIC ROAD
Quincy, FL, 32351, US



Sample:GA10706001-002

Harvest/Lot ID: 15937_0000586531

Cultivation Facility: Quincy Cultivation

Processing Facility : Midway Processing

Seed to Sale# 18372_0000586531

Batch Date: 07/05/21

Batch#: 18372_0000586531

Sample Size Received: 31.5 gram

Total Weight/Volume: 2226 gram

Retail Product Size: 3.5 gram

Ordered : 07/06/21

sampled : 07/06/21

Completed: 07/09/21

Sampling Method: SOP.T.20.010

PASSED

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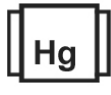
PRODUCT IMAGE



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
15.788%

TOTAL THC/Container :552.605 mg



Total CBD
0.000%

TOTAL CBD/Container :0.000 mg



Total Cannabinoids
18.379%

Total Cannabinoids/Container :643.279 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	ND	ND	0.4020	ND	ND	ND	ND	0.1840	ND	ND	17.7920
mg/g	ND	ND	4.0190	ND	ND	ND	ND	1.8400	ND	ND	177.9199
LOD	0.0010	0.0010	0.0010	0.0010	0.0001	0.0010	0.0010	0.0001	0.0010	0.0010	0.0010
%	%	%	%	%	%	%	%	%	%	%	%

	Filtration	
	PASSED	

Analyzed By	Weight	Extraction date	Extracted By
2206	28.7g	07/06/21	2206
Analyte	LOD	Result	
Filtration and Foreign Material	0.1	ND	
Analysis Method -SOP.T.40.013	Batch Date : 07/06/21 15:53:20		
Analytical Batch -GA028220FIL	Reviewed On - 07/07/21 13:26:47		
Instrument Used : GA-Filtration/Foreign Material Microscope	Running On :		

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	2206	4.1045g	07/06/21	0.01 aw	0.484aw
Analysis Method -Water Activity		Batch Date : 07/06/21 15:10:19			
SOP.T.40.010		Reviewed On - 07/07/21 13:28:05			
Analytical Batch -GA028218WAT					
Instrument Used : GA-085 Rotronic HygroPalm					

	Moisture	
	PASSED	

Analyte	Analyzed by Weight	Ext. date	LOD	A.L.	Result
MOISTURE CONTENT	2206	0.515g	07/06/21	1%	15%
Analysis Method -Moisture		Batch Date : 07/06/21 15:09:51			
Analysis SOP.T.40.011		Reviewed On - 07/07/21 13:29:05			
Analytical Batch -GA028217MOI					
Instrument Used : GA-084 Moisture Analyzer					

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
2338	0.2075g	07/06/21 06:07:56	2206
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On : 07/08/21 13:34:29	Batch Date : 07/06/21 17:04:47
Analytical Batch -GA028228POT		Instrument Used : GA-HPLC-001 2030C Plus	Running On : 07/07/21 13:36:59

Reagent	Dilution	Consumers. ID
060220.R16	40	282066106
060920.24		VAV-09-1020
021821.05		H20364
063021.R42		200111
063021.R27		12026-030CD-030C
		16466-042

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

07/09/21

Signed On



Certificate of Analysis

PASSED

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

Sample : GA10706001-002
Harvest/LOT ID: 15937_0000586531
Batch# : 18372_0000586531
Sampled : 07/06/21
Ordered : 07/06/21

Sample Size Received : 31.5 gram
Total Weight/Volume : 2226 gram
Completed : 07/09/21 **Expires:** 07/09/22
Sample Method : SOP.T.20.010

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Terpenes

TESTED

Terpenes	LOD(%)	mg/g	%	Result (%)	Terpenes	LOD(%)	mg/g	%	Result (%)
CAMPHENE	0.007	ND	ND		TERPINEOL	0.007	0.416	0.041	
BETA-MYRCENE	0.007	1.099	0.109		GERANIOL	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	ND	ND		PULEGONE	0.007	ND	ND	
3-CARENE	0.007	ND	ND		ALPHA-CEDRENE	0.007	ND	ND	
OCIMENE	0.007	ND	ND		ALPHA-HUMULENE	0.007	0.515	0.051	
EUCALYPTOL	0.007	ND	ND		TRANS-NEROLIDOL	0.007	ND	ND	
LINALOOL	0.007	< 0.2	< 0.020		GUAIOL	0.007	ND	ND	
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	1.971	0.197						
VALENCENE	0.007	ND	ND						
CIS-NEROLIDOL	0.007	ND	ND						
CARYOPHYLLENE OXIDE	0.007	ND	ND						
CEDROL	0.007	ND	ND						
FARNESENE	0.007	0.417	0.041						
ALPHA-BISABOLOL	0.007	< 0.2	< 0.020						
ALPHA-PINENE	0.007	0.654	0.065						
SABINENE	0.007	ND	ND						
BETA-PINENE	0.007	0.550	0.055						
ALPHA-TERPINENE	0.007	ND	ND						
LIMONENE	0.007	4.646	0.464						
GAMMA-TERPINENE	0.007	ND	ND						
TERPINOLENE	0.007	ND	ND						
SABINENE HYDRATE	0.007	ND	ND						
FENCHYL ALCOHOL	0.007	0.405	0.040						
CAMPHOR	0.013	ND	ND						
BORNEOL	0.013	ND	ND						



Terpenes

TESTED
Analyzed by 2155 **Weight** 1.0053g **Extraction date** 07/06/21 06:07:35 **Extracted By** 2206

Analysis Method -SOP.T.40.090
Analytical Batch -GA028226TER **Reviewed On** - 07/08/21 11:26:16
Instrument Used : GA-GCMS-002 QP2010S
Running On : 07/07/21 12:56:16
Batch Date : 07/06/21 17:04:06

Reagent	Dilution	Consums. ID
042921.R11	10	VAV-09-1020
122320.02		470228-424
010421.50		9291.1978
		200111
		190611634
		R0NB32898

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.

Total (%) 1.067



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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)	0.05	PPM	5	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 1850 , 650	Weight 0.9847g	Extraction date 07/07/21 02:07:54	Extracted By 1850 , 1541
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			
Analytical Batch - GA028170PES , GA028201VOL			
Instrument Used : GA-LCMS-001 PES , GA-GCMS-003			
Running On : 07/07/21 17:23:22 , 07/08/21 15:39:43			
			Reviewed On- 07/07/21 13:26:47
			Batch Date : 07/05/21 16:11:10
Reagent	Dilution	Consums. ID	
060920.24	10	VAV-09-1020	
062821.R28		470228-424	
070621.R21		9291.1978	
063021.R25		190611634	
		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

07/09/21

Signed On



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PASSED

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Sample Method : SOP.T.20.010

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	Microbials	PASSED
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Analyte	LOD	Result	Action Level (cfu/g)
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 -GA028267MIC , GA028224TYM **Batch Date :** 07/07/21, 07/06/21
Instrument Used : GA-093 PathogenDx Scanner (MIC), GA-093 PathogenDx Scanner (QUANT)
Running On : 07/06/21

Analyzed by	Weight	Extraction date	Extracted By
1828, 2119	0.84g	07/07/21	2119, 2119

Reagent	Dilution
060920.24 040921.20 080120.R01 032421.R19	10

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified by 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
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Analyte	LOD	Units	Result	Action Level (PPM)
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 -GA028202MYC | **Reviewed On** - 07/08/21 16:37:57
Instrument Used : GA-LCMS-001 MYC
Running On : 07/07/21 17:23:17
Batch Date : 07/06/21 10:27:04

Analyzed by	Weight	Extraction date	Extracted By
1850	0.9847g	07/07/21 04:07:32	1850

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T40.065 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	Dilution	Consums. ID
062421.R05 062521.R02 010421.50 061621.03 070521.R03 070521.R02	50	CGR0114 12026-030CD-030C 3146-870-008

Metal	LOD	Unit	Result	Action Level (PPM)
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
1022	0.2493g	07/07/21 12:07:32	2206

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -GA028258HEA | **Reviewed On** - 07/09/21 17:24:23
Instrument Used :
Running On : 07/09/21 13:42:43
Batch Date : 07/07/21 11:34:44

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS.

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