



# Certificate of Analysis

Jun 14, 2021 | TRULIEVE

6749 BEN BOSTIC ROAD  
Quincy, FL, 32351, US



Sample: DA10610001-008

Harvest/Lot ID: 29761\_0000512950

Cultivation Facility: Quincy Cultivation

Processing Facility : Midway Processing

Seed to Sale #29771\_0000512950

Batch Date :06/09/21

Batch#: 29771\_0000512950

Sample Size Received: 119 gram

Total Weight/Volume: 9420 units

Retail Product Size: 3.5 gram

Ordered : 06/09/21

sampled : 06/09/21

Completed: 06/14/21

Sampling Method: SOP.T.20.010

**PASSED**

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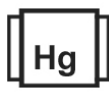
## PRODUCT IMAGE



## 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  
**20.606%**

TOTAL THC/Container :721.230 mg



Total CBD  
**0.052%**

TOTAL CBD/Container :1.842 mg



Total Cannabinoids  
**24.186%**

Total Cannabinoids/Container :846.545 mg

	CBDV	CBD	CBGA	CBG	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	ND	0.0600	0.6630	0.0930	ND	0.0100	1.3950	0.0200	0.0400	21.9060
mg/g	ND	0.6000	6.6300	0.9300	ND	0.1000	13.9500	0.2000	0.4000	219.0600
LOD	0.0010	0.0010	0.0010	0.0010	0.0001	0.0010	0.0001	0.0010	0.0010	0.0010
%	%	%	%	%	%	%	%	%	%	%

## Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
450	0.2083g	06/10/21 11:06:05	965
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 06/11/21 12:51:15	Batch Date : 06/10/21 09:29:36
Analytical Batch -DA027099POT		Instrument Used : DA-LC-001	

Reagent	Dilution	Consums. ID
060721.R54	400	CE0123
020421.04		280678841
060721.R53		11945-019CD-019C
		914C4-914AK
		929C6-929H

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).

Filtration	PASSED
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Analyzed By	Weight	Extraction date	Extracted By
457	NA	NA	NA
Analyte		LOD	Result
Filtration and Foreign Material		0.1	ND
Analysis Method -SOP.T.40.013		Batch Date : 06/10/21 11:00:55	
Analytical Batch -DA027121FIL		Reviewed On - 06/10/21 14:38:34	
Instrument Used : 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
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Analyte	Analyzed by	Weight	Ext. date	LOD	A.L	Result
WATER ACTIVITY	457	NA	NA	0.01 aw	0.65aw	0.481aw
Analysis Method -Water Activity						
SOP.T.40.010			Batch Date : 06/10/21 10:36:50			
Analytical Batch -DA027114WAT			Reviewed On - 06/10/21 16:35:24			
Instrument Used : DA-028 Rotronic Hygropalm						

Moisture	PASSED
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Analyte	Analyzed by	Weight	Ext. date	LOD	A.L	Result
MOISTURE CONTENT	457	NA	NA	1 %	15%	11.400%
Analysis Method -Moisture						
Analysis SOP.T.40.011			Batch Date : 06/10/21 09:38:03			
Analytical Batch -DA027103MOI			Reviewed On - 06/10/21 16:50:52			
Instrument Used : DA-003 Moisture Analyzer						

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**Jorge Segredo**  
Lab Director

State License # CMTL-0002  
ISO Accreditation # ISO/IEC  
17025:2017 Accreditation  
PJLA-Testing 97164

  
Signature

06/14/21

Signed On



# Certificate of Analysis

**PASSED**

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

**Sample :** DA10610001-008  
**Harvest/LOT ID:** 29761\_0000512950  
**Batch# :** 29771\_0000512950  
**Sampled :** 06/09/21  
**Ordered :** 06/09/21

**Sample Size Received :** 119 gram  
**Total Weight/Volume :** 9420 units  
**Completed :** 06/14/21 **Expires:** 06/14/22  
**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	0.257	0.025	
BETA-MYRCENE	0.007	7.194	0.719		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	1.558	0.155		ALPHA-HUMULENE	0.007	1.172	0.117	
EUCALYPTOL	0.007	ND	ND		TRANS-NEROLIDOL	0.007	0.255	0.025	
LINALOOL	0.007	0.537	0.053		GUAJOL	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	2.988	0.298						
VALENCENE	0.007	ND	ND						
CIS-NEROLIDOL	0.007	ND	ND						
CARYOPHYLLENE OXIDE	0.007	< 0.2	< 0.020						
CEDROL	0.007	ND	ND						
FARNESENE	0.007	0.356	0.035						
ALPHA-BISABOLOL	0.007	0.215	0.021						
ALPHA-PINENE	0.007	1.441	0.144						
SABINENE	0.007	ND	ND						
BETA-PINENE	0.007	0.414	0.041						
ALPHA-TERPINENE	0.007	ND	ND						
LIMONENE	0.007	0.918	0.091						
GAMMA-TERPINENE	0.007	ND	ND						
TERPINOLENE	0.007	< 0.2	< 0.020						
SABINENE HYDRATE	0.007	ND	ND						
FENCHYL ALCOHOL	0.007	< 0.2	< 0.020						
CAMPHOR	0.013	ND	ND						
BORNEOL	0.013	ND	ND						
<b>Total (%)</b>		1.730							



## Terpenes

**TESTED**
**Analyzed by** 1082 **Weight** 1.0126g **Extraction date** 06/10/21 01:06:01 **Extracted By** 2651

**Analysis Method -SOP.T.40.090**  
**Analytical Batch -DA027089TER**  
**Instrument Used : DA-GCMS-005**  
**Running On : 06/10/21 14:25:40**  
**Batch Date : 06/10/21 09:17:14**  
**Reviewed On - 06/11/21 17:21:15**

Reagent	Dilution	Consums. ID
	10	CE0123 R1AB59720 12499402

Terpenoid profile screening is performed using GC-MS with Liquid Injection (Gas Chromatography - Mass Spectrometer) which can screen 38 terpenes using Method SOP.T.40.091 Terpenoid Analysis Via GC/MS.



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**Completed :** 06/14/21 **Expires:** 06/14/22  
**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)	0.05	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**

<b>Analyzed by</b> 585 , 1665	<b>Weight</b> 0.9397g	<b>Extraction date</b> 06/10/21 12:06:22	<b>Extracted By</b> 1665 , 1665
<b>Analysis Method</b> - SOP.T.30.065, SOP.T.40.065, SOP.T.40.066, SOP.T.40.070 , SOP.T.30.065, SOP.T40.070			
<b>Analytical Batch</b> - DA027106PES , DA027079VOL		<b>Reviewed On</b> - 06/10/21 14:38:34	
<b>Instrument Used</b> : DA-LCMS-003 (PES) , DA-GCMS-001			
<b>Running On</b> : 06/10/21 16:37:25 , 06/10/21 16:16:02		<b>Batch Date</b> : 06/10/21 09:43:53	
<b>Reagent</b>	<b>Dilution</b>	<b>Consums. ID</b>	
060121.R12 060121.R13 051721.R34 060521.R04 092820.S9	25	6524407-03	
<p>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.T40.065/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.</p>			

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**Jorge Segredo**  
 Lab Director

 State License # CMTL-0002  
 ISO Accreditation # ISO/IEC  
 17025:2017 Accreditation  
 PJLA-Testing 97164

  
 Signature

06/14/21

Signed On






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**Batch# :** 29771\_0000512950  
**Sample Size Received :** 119 gram  
**Total Weight/Volume :** 9420 units  
**Completed :** 06/14/21 **Expires:** 06/14/22  
**Sample Method :** SOP.T.20.010

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	<b>Microbials</b>	<b>PASSED</b>
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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	630 CFU	100000

**Analysis Method** -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041  
**Analytical Batch** -DA027083MIC , DA027124TYM **Batch Date :** 06/10/21, 06/10/21  
**Instrument Used :** PathogenDx Scanner DA-111, PathogenDx Scanner DA-111  
**Running On :**

Analyzed by	Weight	Extraction date	Extracted By
513, 513	1.0014g	06/10/21	513,

Reagent	Consums. ID	Consums. ID	Consums. ID	Consums. ID
012721.35	200103-274	2803035	2810031D	918C4-918J
021921.36	3110	D013	2809006	20324
	TH093G	D012	044	012020
	002005	A16	2804032	200507119C
	11989-024CC-024	A15	2808009	914C4-914AK
	2804029	2807015	2811025	929C6-929H

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.

	<b>Mycotoxins</b>	<b>PASSED</b>
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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** -DA027105MYC | **Reviewed On** - 06/11/21 12:01:00  
**Instrument Used :** DA-LCMS-003 (MYC)  
**Running On :** 06/10/21 16:37:45  
**Batch Date :** 06/10/21 09:41:53

Analyzed by	Weight	Extraction date	Extracted By
585	NA	06/10/21 02:06:38	585

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.

	<b>Heavy Metals</b>	<b>PASSED</b>
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Reagent	Reagent	Dilution	Consums. ID
060221.R29	060721.R01	100	89401-566
051121.R20	060721.R02		
060221.R33	030420.08		
060221.R34	050121.01		
060721.R03			
060221.R28			

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	0.2466g	06/10/21 11:06:40	1879

**Analysis Method** -SOP.T.40.050, SOP.T.30.052  
**Analytical Batch** -DA027111HEA | **Reviewed On** - 06/11/21 14:36:52  
**Instrument Used :** DA-ICPMS-003  
**Running On :** 06/11/21 14:26:06  
**Batch Date :** 06/10/21 10:19:29

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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**Jorge Segredo**  
 Lab Director

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