



Certificate of Analysis

Mar 10, 2021 | Bragg Farms

1180 Grimwood Rd
Toney, AL, 35773, US



Sample:GA10305004-003

Harvest/Lot ID: BK

Seed to Sale #N/A

Batch Date :02/24/21

Batch#: 3

Sample Size Received: 20 gram

Total Weight/Volume: N/A

Retail Product Size: 1.5 gram

Ordered : 02/24/21

sampled : 02/24/21

Completed: 03/10/21 Expires: 03/10/22

Sampling Method: SOP Client Method

TESTED

Page 1 of 2

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
0.397%



Total CBD
10.316%



Total Cannabinoids
12.224%

CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
ND	10.814%	0.132%	ND	0.832%	ND	ND	0.066%	ND	ND	0.377%
ND	108.140 mg/g	1.320 mg/g	ND	8.320 mg/g	ND	ND	0.660 mg/g	ND	ND	3.770 mg/g
LOD 0.001%	0.001%	0.001%	0.001%	0.0001%	0.001%	0.001%	0.0001%	0.001%	0.001%	0.001%

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
2338	0.2018g	NA	NA
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 03/09/21 12:39:19	Batch Date : 03/05/21 11:54:31
Analytical Batch -GA023434POT		Instrument Used : GA-HPLC-001 2030C Plus (Carl)	

Reagent	Dilution	Consums. ID
021121.32	40	282066106
022421.R04		VAV-09-1020 Lot# 947.077
030221.R13		6970145500298
		190624060
		VAV-09-1020 (947.077) / ALK-09-1412 (9291.179)
		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).

Filtration	PASSED
------------	---------------

Analyzed By	Weight	Extraction date	Extracted By	
1791	13.1g	NA		NA
Analyte			LOD	Result
Filtrn and Foreign Material			0.1	ND
Analysis Method -SOP.T.40.013		Batch Date : 03/05/21 15:16:51		
Analytical Batch -GA023449FIL		Reviewed On - 03/09/21 18:29:09		
Instrument Used : GA-Filtrn/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	1791	3.1343g	NA	0.1 aw	0.433aw
Analysis Method -Water Activity					
SOP.T.40.010			Batch Date : 03/08/21 08:24:26		
Analytical Batch -GA023470WAT			Reviewed On - 03/08/21 17:48:21		
Instrument Used :					

Moisture	PASSED
----------	---------------

Analyte	Analyzed by Weight	Ext. date	LOD	A.L	Result
MOISTURE CONTENT	1791	0.53g	NA	1%	15% 11.890%
Analysis Method -Moisture					
Analysis SOP.T.40.011		Batch Date : 03/08/21 08:26:15			
Analytical Batch -GA023472MOI		Reviewed On - 03/10/21 11:37:42			
Instrument Used : GA-143 Moisture Analyzer					

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

Rob Bruton
Lab Director

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


Signature

N/A

Signed On



Certificate of Analysis

TESTED

Brugg Farms

1180 Grimwood Rd
Toney, AL, 35773, US

Telephone: (256) 828-3611

Email: bruggfarms@gmail.com

Sample : GA10305004-003

Harvest/LOT ID: BK

Batch# : 3

Sampled : 02/24/21

Ordered : 02/24/21

Sample Size Received : 20 gram

Total Weight/Volume : N/A

Completed : 03/10/21 Expires: 03/10/22

Sample Method : SOP Client Method

Page 2 of 2



Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD(%)	mg/g	%	Result (%)
CAMPENE	0.007	ND	ND		TERPINEOL	0.007	ND	ND	
BETA-MYRCENE	0.007	3.904	0.390		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	0.597	0.059	
EUCALYPTOL	0.007	ND	ND		TRANS-NEROLIDOL	0.007	ND	ND	
LINALOOL	0.007	ND	ND		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	2.805	0.280						
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	0.699	0.069						
ALPHA-BISABOLOL	0.007	1.940	0.194						
ALPHA-PINENE	0.007	0.510	0.051						
SABINENE	0.007	ND	ND						
BETA-PINENE	0.007	ND	ND						
ALPHA-TERPINENE	0.007	ND	ND						
LIMONENE	0.007	0.363	0.036						
GAMMA-TERPINENE	0.007	ND	ND						
TERPINOLENE	0.007	ND	ND						
SABINENE HYDRATE	0.007	ND	ND						
FENCHYL ALCOHOL	0.007	ND	ND						
CAMPHOR	0.013	ND	ND						
BORNEOL	0.013	ND	ND						
Total (%)		1.082							



Terpenes

TESTED

Analyzed by 1541 Weight 0.9883g Extraction date NA Extracted By NA

Analysis Method -SOP.T.40.090

Analytical Batch -GA023433TER

Reviewed On - 03/10/21 11:28:50

Instrument Used : GA-GCMS-002 QP2010S

Running On : 03/08/21 12:57:00

Batch Date : 03/05/21 11:53:50

Reagent Dilution Consums. ID

010421.38 10 282066106
VAV-09-1020 Lot# 947.077
6970145500298
VAV-09-1020 (947.077) / ALK-09-1412 (9291.179)
P734631 / P7411895
16466-042

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.