



# Certificate of Analysis

Sample: GA10111001-002  
Harvest/Lot ID: RO18  
Seed to Sale #N/A  
Batch Date : 01/04/21  
Batch#: 010421  
Sample Size Received: 15 ml  
Retail Product Size: 15  
Ordered : 01/04/21  
Sampled : 01/04/21  
Completed: 01/21/21 Expires: 01/21/22  
Sampling Method: SOP Client Method

Jan 21, 2021 | Pure Science Lab

6574 N. State Road 7  
Coconut Creek, FL, 33073, US



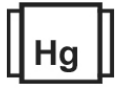
**PASSED**

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PRODUCT IMAGE SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals Solvents  
**PASSED**



Filtration  
**PASSED**



Water Activity  
**NOT TESTED**



Moisture  
**NOT TESTED**



Terpenes  
**NOT TESTED**

MISC.

CANNABINOID RESULTS



TOTAL TOTAL THC

**0.000%**

TOTAL THC/Container : 0.000 mg



TOTAL TOTAL CBD

**5.299%**

TOTAL CBD/Container : 794.855 mg



Total Cannabinoids

**5.299%**

Total Cannabinoids/Container : 794.855 mg

CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
ND	ND	ND	ND	5.299%	ND	ND	ND	ND	ND	ND
ND	ND	ND	ND	52.990 mg/g	ND	ND	ND	ND	ND	ND
LOD 0.001	0.001	0.001	0.001	0.0001	0.001	0.001	0.0001	0.001	0.001	0.001
%	%	%	%	%	%	%	%	%	%	%

**Filtration PASSED**

Analyzed By	Weight	Extraction date	Extracted By
1791	23.0g	01/14/21	1791
Analyte		LOD	1791
Filtration and Foreign Material		0.1	Result
			ND
Analysis Method	-SOP.T.40.013	Batch Date	: 01/14/21 09:44:14
Analytical Batch	-GA021154FIL	Reviewed On	- 01/15/21 08:09:20
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.

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
2338	0.0981g	01/11/21 05:01:24	2206
Analysis Method	-SOP.T.40.020, SOP.T.30.050	Reviewed On -	01/14/21 07:57:01
Analytical Batch	-GA021003POT	Batch Date :	01/11/21 17:24:50
		Instrument Used :	GA-HPLC-001 2030C Plus (Carl)

Reagent	Dilution	Consums. ID
010521.06	40	282066106
010521.R04		VAV-09-1020 Lot# 947.077
010521.R03		6970145500298
		190624060
		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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**Jeremy Campbell**  
Lab Director



01/21/2021

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ISO Accreditation # ISO/IEC  
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Pure Science Lab

6574 N. State Road 7  
Coconut Creek, FL, 33073, US  
Telephone: 9544150942  
Email: Stevep250@gmail.com

Sample : GA10111001-002

Harvest/LOT ID: RO18

Batch# : 010421

Sampled : 01/04/21

Ordered : 01/04/21

Sample Size Received : 15 ml

Completed : 01/21/21 Expires: 01/21/22

Sample Method : SOP Client Method

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## Pesticides

**PASSED**

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.3	ND	PYRETHRINS	0.05	ppm	1	ND
ACEPHATE	0.01	ppm	3	ND	PYRIDABEN	0.02	ppm	3	ND
ACEQUINOCYL	0.01	ppm	2	ND	SPIROMESIFEN	0.01	ppm	3	ND
ACETAMIPRID	0.01	ppm	3	ND	SPIROTETRAMAT	0.01	ppm	3	ND
ALDICARB	0.01	ppm	0.1	ND	SPIROXAMINE	0.01	ppm	0.1	ND
AZOXYSTROBIN	0.01	ppm	3	ND	TEBUCONAZOLE	0.01	ppm	1	ND
BIFENAZATE	0.01	ppm	3	ND	THIACLOPRID	0.01	ppm	0.1	ND
BIFENTHRIN	0.01	ppm	0.5	ND	THIAMETHOXAM	0.05	ppm	1	ND
BOSCALID	0.01	PPM	3	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0.01	PPM	20	ND
CARBARYL	0.05	ppm	0.5	ND	TOTAL DIAZINON	0.01	PPM	0.2	ND
CARBOFURAN	0.01	ppm	0.1	ND	TOTAL DIMETHOMORPH	0.02	PPM	3	ND
CHLORANTRANILIPROLE	0.1	ppm	3	ND	TOTAL PERMETHRIN	0.01	ppm	1	ND
CHLORMEQUAT CHLORIDE	0.1	ppm	3	ND	TOTAL SPINETORAM	0.02	PPM	3	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	TOTAL SPINOSAD	0.01	ppm	3	ND
CLOFENTEZINE	0.02	ppm	0.5	ND	TRIFLOXYSTROBIN	0.01	ppm	3	ND
COUMAPHOS	0.01	ppm	0.1	ND	PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.2	ND
DAMINOZIDE	0.01	ppm	0.1	ND	PARATHION-METHYL *	0.01	PPM	0.1	ND
DICHLORVOS	0.01	ppm	0.1	ND	CHLORDANE *	0.01	PPM	0.1	ND
DIMETHOATE	0.01	ppm	0.1	ND	CAPTAN *	0.025	PPM	3	ND
ETHOPROPHOS	0.01	ppm	0.1	ND	CHLORFENAPYR *	0.01	PPM	0.1	ND
ETOFENPROX	0.01	ppm	0.1	ND	CYFLUTHRIN *	0.01	PPM	1	ND
ETOXAZOLE	0.01	ppm	1.5	ND	CYPERMETHRIN *	0.01	PPM	1	ND
FENHEXAMID	0.01	ppm	3	ND					
FENOXYCARB	0.01	ppm	0.1	ND					
FENPYROXIMATE	0.01	ppm	2	ND					
FIPRONIL	0.01	ppm	0.1	ND					
FLONICAMID	0.01	ppm	2	ND					
FLUDIOXONIL	0.01	ppm	3	ND					
HEXYTHIAZOX	0.01	ppm	2	ND					
IMAZALIL	0.01	ppm	0.1	ND					
IMIDACLOPRID	0.04	ppm	3	ND					
KRESOXIM-METHYL	0.01	ppm	1	ND					
MALATHION	0.02	ppm	2	ND					
METALAXYL	0.01	ppm	3	ND					
METHIACARB	0.01	ppm	0.1	ND					
METHOMYL	0.01	ppm	0.1	ND					
MEVINPHOS	0.01	ppm	0.1	ND					
MYCLOBUTANIL	0.01	ppm	3	ND					
NALED	0.025	ppm	0.5	ND					
OXAMYL	0.05	ppm	0.5	ND					
PACLOBUTRAZOL	0.01	ppm	0.1	ND					
PHOSMET	0.01	ppm	0.2	ND					
PIPERONYL BUTOXIDE	0.3	ppm	3	ND					
PRALLETHRIN	0.01	ppm	0.4	ND					
PROPICONAZOLE	0.01	ppm	1	ND					
PROPOXUR	0.01	ppm	0.1	ND					

**Pesticides** **PASSED**

Analyzed by **1850 , 650** Weight **0.9940g** Extraction date **01/14/21 10:01:53** Extracted By **1850 , 650**  
 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 - GA021145PES , GA021164VOL Reviewed On- 01/15/21 08:09:20  
 Instrument Used : GA-LCMS-001 Pes , GA-GCMS-003 Triple Quad Pest (Indica)  
 Running On : 01/15/21 11:51:33  
 Batch Date : 01/14/21 09:31:39

Reagent	Dilution	Consums. ID
131321.802	10	282066106
013321.805		VAV-09-1020 Lot# 947.077
013321.804		6970145500298
		VAV-09-1020 (947.077) / ALK-09-1412 (9291.179)
		P734631 / P7411895

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.30.066 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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**Jeremy Campbell**  
Lab Director



01/21/2021

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ISO Accreditation # ISO/IEC  
17025:2017 Accreditation  
PJLA-Testing 97164

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# Certificate of Analysis

**PASSED**

**Pure Science Lab**

6574 N. State Road 7  
Coconut Creek, FL, 33073, US  
**Telephone:** 9544150942  
**Email:** Stevep250@gmail.com

**Sample : GA10111001-002**  
**Harvest/LOT ID: RO18**

**Batch# :** 010421  
**Sampled :** 01/04/21  
**Ordered :** 01/04/21

**Sample Size Received :** 15 ml  
**Completed :** 01/21/21 **Expires:** 01/21/22  
**Sample Method :** SOP Client Method

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## Residual Solvents

PASSED

## Residual Solvents

PASSED

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
METHANOL	25	ppm	250	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
PENTANES (N-PENTANE)	75	ppm	750	PASS	ND
ETHYL ETHER	50	ppm	500	PASS	ND
ACETONE	75	ppm	750	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONITRILE	6	ppm	60	PASS	ND
DICHLOROMETHANE	12.5	ppm	125	PASS	ND
N-HEXANE	25	ppm	250	PASS	ND
ETHYL ACETATE	40	ppm	400	PASS	ND
BENZENE	0.1	ppm	1	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
TOLUENE	15	ppm	150	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
PROPANE	500	ppm	5000	PASS	ND
CHLOROFORM	0.2	ppm	2	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	2	PASS	ND
BUTANES (N-BUTANE)	500	ppm	5000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	25	PASS	ND

**Analyzed by** 1541      **Weight** 0.0232g      **Extraction date** 01/16/21 03:01:00      **Extracted By** 1541

**Analysis Method -SOP.T.40.032**  
**Analytical Batch -GA021173SOL**      **Reviewed On - 01/16/21 16:38:20**  
**Instrument Used : GA-GCMS-001 Headspace Solvent**  
**Running On : 01/15/21 11:17:25**  
**Batch Date : 01/15/21 07:19:46**

Reagent	Dilution	Consums. ID
		24154107 ach-20-1720

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 21 Residual solvents.(Method: SOP.T.40.032 Residual Solvents Analysis via GC-MS).

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**Jeremy Campbell**  
Lab Director



01/21/2021

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6574 N. State Road 7  
Coconut Creek, FL, 33073, US  
Telephone: 9544150942  
Email: Stevep250@gmail.com

Sample : GA10111001-002

Harvest/LOT ID: RO18

Batch# : 010421

Sampled : 01/04/21

Ordered : 01/04/21

Sample Size Received : 15 ml

Completed : 01/21/21 Expires: 01/21/22

Sample Method : SOP Client Method

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Microbials PASSED



Mycotoxins PASSED

Analyte	LOD	Result	Analyte	LOD	Units	Result	Action Level (PPM)
ASPERGILLUS_FLAVUS		not present in 1 gram.	AFLATOXIN G2	0.002	ppm	ND	0.02
ASPERGILLUS_FUMIGATUS		not present in 1 gram.	AFLATOXIN G1	0.002	ppm	ND	0.02
ASPERGILLUS_NIGER		not present in 1 gram.	AFLATOXIN B2	0.002	ppm	ND	0.02
ASPERGILLUS_TERREUS		not present in 1 gram.	AFLATOXIN B1	0.002	ppm	ND	0.02
ESCHERICHIA_COLI_SHIGELLA_SPP		not present in 1 gram.	TOTAL OCHRATOXIN A	0.002	PPM	ND	0.02
SALMONELLA_SPECIFIC_GENE		not present in 1 gram.					

Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041

Analytical Batch -GA021207MIC Batch Date : 01/15/21

Instrument Used : GA-093 PathogenDx Scanner (MIC)

Running On :

Analyzed by	Weight	Extraction date	Extracted By
1828	0.84g	01/15/21	2119

Reagent	Dilution	Consums. ID
110320.27	10	001001
		001001
		002005

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 detection testing. Testing for these microorganisms may also be analyzed through a culture-based method that employs the use of differentiating plates that are used for the isolation and enumeration of a specific organism or organism groups (Method SOP.T.40.041).

Analysis Method -SOP.T.30.065, SOP.T.40.065

Analytical Batch -GA021147MYC | Reviewed On - 01/19/21 10:46:16

Instrument Used : GA-LCMS-001 MYC

Running On :

Batch Date : 01/14/21 09:38:06

Analyzed by	Weight	Extraction date	Extracted By
1850	0.9940g	01/19/21 09:01:41	1850

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 <20µg/Kg.



Heavy Metals PASSED

Reagent	Reagent	Dilution	Consums. ID
092920.39	010821.R12	50	190624060
010421.R25			106667-05-100719
010721.R05			
010621.R12			
110519.13			
081420.12			

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.02	PPM	ND	1.5
CADMIUM	0.02	PPM	ND	0.5
MERCURY	0.02	PPM	ND	3
LEAD	0.05	PPM	ND	0.5

Analyzed by	Weight	Extraction date	Extracted By
650	0.5051g	01/15/21 03:01:27	2103

Analysis Method -SOP.T.40.050, SOP.T.30.052

Analytical Batch -GA021166HEA | Reviewed On - 01/19/21 10:24:25

Instrument Used : GA-ICPMS-001-DER (Ice Princess)

Running On :

Batch Date : 01/14/21 16:29:18

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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