



Certificate of Analysis

Sample: DA10909011-002
Harvest/Lot ID: B5000602
Seed to Sale#: B5000602
Batch Date: N/A
Batch#: B5000602
Sample Size Received: 90 ml
Total Weight/Volume: 90 ml
Retail Product Size: 90 ml
Ordered : 06/23/21
sampled : 06/23/21
Completed: 09/14/21
Sampling Method: SOP Client Method

Sep 14, 2021 | Biomedical Pharms Labs

1516 Max Hooks RD
Groveland, FL, 34736, US



PASSED

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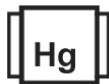
PRODUCT IMAGE



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 THC
0.000%



Total CBD
0.99%



Total Cannabinoids
1.061%

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	ND	0.055	ND	0.051	0.942	ND	ND	ND	ND	0.013	ND
mg/g	ND	0.55	ND	0.51	9.42	ND	ND	ND	ND	0.13	ND
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
457	NA	09/09/21	457
Analyte			LOD
Filtration and Foreign Material			0.1
Analysis Method -SOP.T.40.013	Batch Date :	09/09/21 11:28:39	
Analytical Batch -DA031037FIL	Reviewed On -	09/09/21 13:59:04	
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-2BT Stereo Microscope is used for inspection.

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
450	2.6591g	09/09/21 01:09:55	2198
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 09/10/21 12:48:11	Batch Date : 09/09/21 09:14:47
Analytical Batch -DA031013POT	Instrument Used : DA-LC-003 (Derivatives)	Running On : 09/09/21 17:45:22	

Reagent	Dilution	Consums. ID
102320.72	400	CE0123
090321.R30		287035261
090321.R31		11945-019CD-019C
073021.32		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).

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Jorge Segredo
Lab Director



Signature

09/14/21

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

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Certificate of Analysis

PASSED

1516 Max Hooks RD
Groveland, FL, 34736, US
Telephone: 8133252215
Email: biomedicalpharmslabs@gmail.com

Sample : DA10909011-002
Harvest/LOT ID: B5000602

Batch# : B5000602
Sampled : 06/23/21
Ordered : 06/23/21

Sample Size Received : 90 ml
Total Weight/Volume : 90 ml
Completed : 09/14/21 Expires: 09/14/22
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	PROPOXUR	0.01	ppm	0.1	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	TRIFLOXYSTROBIN	0.01	ppm	3	ND
CARBARYL	0.05	ppm	0.5	ND	PENTACHLORONITROBENZENE (PCNB)	0.01	PPM	0.2	ND
CARBOFURAN	0.01	ppm	0.1	ND	PARATHION-METHYL *	0.01	PPM	0.1	ND
CHLORANTRANILIPROLE	0.1	ppm	3	ND	CAPTAN *	0.025	PPM	3	ND
CHLORMEQUAT CHLORIDE	0.1	ppm	3	ND	CHLORDANE *	0.01	PPM	0.1	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	CHLORFENAPYR *	0.01	PPM	0.1	ND
CLOFENTEZINE	0.02	ppm	0.5	ND	CYFLUTHRIN *	0.01	PPM	1	ND
COUMAPHOS	0.01	ppm	0.1	ND	CYPERMETHRIN *	0.01	PPM	1	ND
DAMINOZIDE	0.01	ppm	0.1	ND					
DAZINON	0.01	ppm	3	ND					
DICHLORVOS	0.01	ppm	0.1	ND					
DIMETHOATE	0.01	ppm	0.1	ND					
ETHOPROPHOS	0.01	ppm	0.1	ND					
ETOFENPROX	0.01	ppm	0.1	ND					
ETOXAZOLE	0.01	ppm	1.5	ND					
FENHEXAMID	0.01	ppm	3	ND					
FENOXICARB	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	1	ND					
KRESOXIM-METHYL	0.01	ppm	1	ND					
MALATHION	0.02	ppm	2	ND					
METALAXYL	0.01	ppm	3	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	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					



Pesticides

PASSED

Analyzed by 585 , 1665	Weight 0.208g	Extraction date 09/09/21 11:09:06	Extracted By 585 , 585
<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 - DA031022PES, DA031018VOL</small>			
<small>Instrument Used : DA-LCMS-003 (PES) , DA-GCMS-006</small>		<small>Reviewed On- 09/09/21 13:59:04</small>	
<small>Running On : 09/09/21 16:25:01</small>		<small>Batch Date : 09/09/21 09:59:32</small>	

Reagent	Dilution	Consums. ID
090721.R06 082021.R10 083121.R50 090521.R01 092820.S9	25	6524407-03

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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Jorge Segredo
Lab Director



Signature

09/14/21

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PJLA-Testing 97164



Certificate of Analysis

PASSED


 1516 Max Hooks RD
 Groveland, FL, 34736, US
Telephone: 8133252215
Email: biomedicalpharmslabs@gmail.com

Sample : DA10909011-002
Harvest/LOT ID: B5000602

Batch# : B5000602
Sampled : 06/23/21
Ordered : 06/23/21

Sample Size Received : 90 ml
Total Weight/Volume : 90 ml
Completed : 09/14/21 **Expires:** 09/14/22
Sample Method : SOP Client Method

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Residual Solvents **PASSED**

Residual Solvents **PASSED**

Solvent	LOD	Units	Action Level	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	<250
ACETONITRILE	6	ppm	60	PASS	<30
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	Weight	Extraction date	Extracted By
850	0.0233g	NA	NA

Analysis Method -SOP.T.40.032
Analytical Batch -DA031191SOL
Instrument Used : DA-GCMS-002
Running On : 09/14/21 11:48:30
Batch Date : 09/13/21 15:39:17

Reviewed On - 09/14/21 13:51:34

Reagent	Dilution	Consums. ID
030420.09	1	R2017.271 G201.062

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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Jorge Segredo
 Lab Director


 Signature

09/14/21

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PASSED


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Sample : DA10909011-002
Harvest/LOT ID: B5000602

Batch# : B5000602
Sampled : 06/23/21
Ordered : 06/23/21

Sample Size Received : 90 ml
Total Weight/Volume : 90 ml
Completed : 09/14/21 Expires: 09/14/22
Sample Method : SOP Client Method

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Microbials **PASSED**



Mycotoxins **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.	

Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041
Analytical Batch -DA031028MIC Batch Date : 09/09/21 10:15:20
Instrument Used : PathogenDx Scanner DA-111
Running On :

Analyzed by	Weight	Extraction date	Extracted By
513	1.1227g	NA	NA

Reagent	Consums. ID
082421.R35	004103
072621.09	12265-115CC
	61630-123C6-123E

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.

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 -DA031023MYC | Reviewed On - 09/10/21 12:56:16
Instrument Used : DA-LCMS-003 (MYC)
Running On : 09/09/21 16:24:47
Batch Date : 09/09/21 10:00:25

Analyzed by	Weight	Extraction date	Extracted By
585	g	09/09/21 02:09:13	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 <20µg/Kg.



Heavy Metals **PASSED**

Reagent	Reagent	Reagent	Dilution	Consums. ID
050121.01	090821.R60	030420.08	100	179436
081721.R61	090721.R01			3146-870-008
090121.R52	090721.R02			12265-115CC
083121.R73	121020.12			
090821.R59	090121.R53			
090721.R03	083121.R70			

Metal	LOD	Unit	Result	Action Level
ARSENIC	0.02	PPM	ND	3
CADMIUM	0.02	PPM	ND	
MERCURY	0.02	PPM	ND	55
LEAD	0.05	PPM	ND	10

Analyzed by	Weight	Extraction date	Extracted By
53	0.2668g	09/09/21 01:09:43	1879

Analysis Method -SOP.T.40.050, SOP.T.30.052, SOP.T.30.053, SOP.T.40.051
Analytical Batch -DA031032HEA | Reviewed On - 09/10/21 07:58:32
Instrument Used : DA-ICPMS-003
Running On : 09/10/21 07:45:53
Batch Date : 09/09/21 11:00:28

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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