



Certificate of Analysis

Sep 14, 2021 | Biomedical Pharms Labs

1516 Max Hooks RD
Groveland, FL, 34736, US



Sample: DA10909011-001
Harvest/Lot ID: 120602
Seed to Sale# 120602
Batch Date: N/A
Batch#: 120602
Sample Size Received: 30 ml
Total Weight/Volume: 30 ml
Retail Product Size: 30 ml
Ordered : 06/23/21
sampled : 06/23/21
Completed: 09/14/21
Sampling Method: SOP Client Method

PASSED

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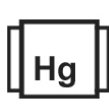
PRODUCT IMAGE



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

CANNABINOID RESULTS



Total THC
0.000%



Total CBD
3.948%



Total Cannabinoids
4.182%

	CBDV	CBD	CBDA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0.014	ND	ND	0.193	3.948	ND	0.008	ND	ND	0.019	ND
mg/g	0.14	ND	ND	1.93	39.48	ND	0.08	ND	ND	0.19	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
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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 11:30:41	
Analytical Batch -DA031039FIL		Reviewed On - 09/09/21 14:12:14	
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.

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
450	2.8058g	09/09/21 02:09:50	2198
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 09/10/21 13:23:30	Batch Date : 09/09/21 10:53:58
Analytical Batch -DA031031POT	Instrument Used : DA-LC-003 (Edibles)	Running On : 09/10/21 10:59:07	

Reagent	Dilution	Consums. ID
102320.72	400	CE0123
090321.R30		280678841
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

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


Signature

09/14/21

Signed On



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 Groveland, FL, 34736, US
Telephone: 8133252215
Email: biomedicalpharmslabs@gmail.com

Sample : DA10909011-001
Harvest/LOT ID: 120602
Batch# : 120602
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Total Weight/Volume : 30 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	PROPICONAZOLE	0.01	ppm	1	ND
ACEPHATE	0.01	ppm	3	ND	PROPOXUR	0.01	ppm	0.1	ND
ACEQUINOCYL	0.01	ppm	2	ND	PYRETHRIN I	0.01	ppm	1	ND
ACETAMIPRID	0.01	ppm	3	ND	PYRETHRIN II	0.01	ppm	1	ND
ALDICARB	0.01	ppm	0.1	ND	PYRIDABEN	0.02	ppm	3	ND
AZOXYSTROBIN	0.01	ppm	3	ND	SPINETORAM	0.02	PPM	3	ND
BIFENAZATE	0.01	ppm	3	ND	SPINOSAD (SPINOSYN A)	0.01	ppm	3	ND
BIFENTHRIN	0.01	ppm	0.5	ND	SPINOSAD (SPINOSYN D)	0.01	ppm	3	ND
BOSCALID	0.01	PPM	3	ND	SPIROMESIFEN	0.01	ppm	3	ND
CARBARYL	0.05	ppm	0.5	ND	SPIROTETRAMAT	0.01	ppm	3	ND
CARBOFURAN	0.01	ppm	0.1	ND	SPIROXAMINE	0.01	ppm	0.1	ND
CHLORANTRANILIPROLE	0.1	ppm	3	ND	TEBUCONAZOLE	0.01	ppm	1	ND
CHLORMEQUAT CHLORIDE	0.1	ppm	3	ND	THIACLOPRID	0.01	ppm	0.1	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	THIAMETHOXAM	0.05	ppm	1	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
DIAZINON	0.01	ppm	3	ND	CAPTAN *	0.025	PPM	3	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
DIMETHOMORPH	0.02	ppm	3	ND	CYFLUTHRIN *	0.01	PPM	1	ND
ETHOPROPHOS	0.01	ppm	0.1	ND	CYPERMETHRIN *	0.01	PPM	1	ND
ETOFENPROX	0.01	ppm	0.1	ND					
ETOXAZOLE	0.01	ppm	1.5	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					
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					



Pesticides

PASSED
Analyzed by
585 , 1665
Weight
 1.0396g

Extraction date
 09/09/21 02:09:59

Extracted By
 1665 , 1665

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 - DA031026PES , DA031020VOL

Reviewed On- 09/09/21
 14:12:14

Instrument Used : DA-LCMS-003 (PES) , DA-GCMS-006
Running On : 09/09/21 16:24:53 , 09/10/21 16:33:01

Batch Date : 09/09/21 10:03:56

Reagent
Dilution
 25

Consums. ID
 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

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



Signature

09/14/21

Signed On



Certificate of Analysis

PASSED

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

Sample : DA10909011-001
Harvest/LOT ID: 120602
Batch# : 120602
Sampled : 06/23/21
Ordered : 06/23/21
Sample Size Received : 30 ml
Total Weight/Volume : 30 ml
Completed : 09/14/21 Expires: 09/14/22
Sample Method : SOP Client Method
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	Residual Solvents	PASSED
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	Residual Solvents	PASSED
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Solvent	LOD	Units	Action Level	Pass/Fail	Result
METHANOL	25	ppm	3000	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
ETHYL ETHER	50	ppm	5000	PASS	ND
ACETONE	75	ppm	5000	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONITRILE	6	ppm	410	PASS	<30
DICHLOROMETHANE	12.5	ppm	600	PASS	ND
N-HEXANE	25	ppm	290	PASS	ND
ETHYL ACETATE	40	ppm	5000	PASS	ND
BENZENE	0.1	ppm	2	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
PROPANE	500	ppm	2100	PASS	ND
CHLOROFORM	0.2	ppm	60	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	80	PASS	ND
XYLENES-M (1,3-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND
XYLENES-M&P (1,3&1,4-DIMETHYLBENZENE)	27	ppm	2170	PASS	ND
XYLENES-O (1,2-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND
XYLENES-P (1,4-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND

Analyzed by	Weight	Extraction date	Extracted By
850	0.02g	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 13:51:15			

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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Total Weight/Volume : 30 ml
Completed : 09/14/21 Expires: 09/14/22
Sample Method : SOP Client Method
Page 4 of 4

	Microbials	PASSED
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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	1.0544g	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.

	Mycotoxins	PASSED
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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 -DA031027MYC | Reviewed On - 09/10/21 14:15:34
 Instrument Used : DA-LCMS-003 (MYC)
 Running On : 09/09/21 16:24:45
 Batch Date : 09/09/21 10:04:35

Analyzed by	Weight	Extraction date	Extracted By
585	g	09/09/21 02:09:25	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.

	Heavy Metals	PASSED
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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	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
53	0.2621g	09/09/21 01:09:41	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 07:58:13
 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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