



Certificate of Analysis

Sample:GA20622001-013
Harvest/Lot ID: BP100P-2206-10169
Batch#: RME100T-2206-9398

Cultivation Facility: Gainesville Cultivation

Processing Facility : Gainesville Processing

Seed to Sale# BP100P-2206-10169

Batch Date: 06/20/22

Sample Size Received: 1015 gram

Total Batch Size: 1058 units

Retail Product Size: 134.9 gram

Ordered : 06/22/22

Sampled : 06/22/22

Completed: 06/25/22

Sampling Method: SOP.T.20.010.FL

PASSED

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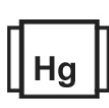
Jun 25, 2022 | Liberty Health Sciences, FL

18770 N CR 225

Gainesville, FL, 32609, US


PRODUCT IMAGE

SAFETY RESULTS

Pesticides
PASSED

Heavy Metals
PASSED

Microbials
PASSED

Mycotoxins
PASSED

Residuals Solvents
PASSED

Filtration
PASSED

Water Activity
PASSED

Moisture
NOT TESTED

Terpenes
NOT TESTED
MISC.

Cannabinoid
PASSED

Total THC
0.082%
Total THC/Container : 110.618 mg

Total CBD
0%
Total CBD/Container : 0 mg

Total Cannabinoids
0.082%
Total Cannabinoids/Container : 110.618 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	0.082	ND	ND	ND	ND	<0.01	ND	ND	ND	ND	ND
mg/unit	110.618	ND	ND	ND	ND	<13.49	ND	ND	ND	ND	ND
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001
%		%	%	%	%	%	%	%	%	%	%

Analyzed by:
1649, 3600, 2507, 1541

Weight:
3.0566g

Extraction date:
06/22/22 12:05:16

Extracted by:
3600

Analysis Method : SOP.T.40.031, SOP.T.30.031

Analytical Batch : GA045755POT

Instrument Used : GA-HPLC-001 2030C Plus

Running on : 06/22/22 15:29:49

Reviewed On : 06/23/22 10:31:49

Batch Date : 06/22/22 10:11:04

Dilution : 40

Reagent : 010421.48; 060922.14; 020322.R09; 061122.R34; 061122.R30

Consumables : 947.109; H20364; 9291.197; 110921; 12035-035CD-035C; R0NB32898; 00321396; 944C4 944; 210268; 206639

Pipette : GA-002; GA-010; GA-153; GA-150; GA-182; GA-169 (Dispenser)

Full Spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection in accordance with F.S. Rule 64ER20-39.



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Sample : GA20622001-013

Harvest/Lot ID: BP100P-2206-10169

Batch# : RME100T-2206-9398 Sample Size Received : 1015 gram

Sampled : 06/22/22 Total Batch Size : 1058 units

Ordered : 06/22/22 Completed : 06/25/22 Expires: 06/25/23

Sample Method : SOP.T.20.010

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Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
TOTAL CONTAMINANT LOAD (PESTICIDES)	0.01	PPM	30	PASS	ND	PROPICONAZOLE	0.01	ppm	1	PASS	ND
ABAMECTIN B1A	0.01	ppm	0.3	PASS	ND	PROPOXUR	0.01	ppm	0.1	PASS	ND
ACEPHATE	0.01	ppm	3	PASS	ND	PYRETHRINS	0.01	ppm	1	PASS	ND
ACEQUINOXYL	0.01	ppm	2	PASS	ND	PYRIDABEN	0.01	ppm	3	PASS	ND
ACETAMIPRID	0.01	ppm	3	PASS	ND	SPIROMESIFEN	0.01	ppm	3	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND	SPIROTETRAMAT	0.01	ppm	3	PASS	ND
AZOXYSTROBIN	0.01	ppm	3	PASS	ND	SPIROXAMINE	0.01	ppm	0.1	PASS	ND
BIFENAZATE	0.01	ppm	3	PASS	ND	TEBUCONAZOLE	0.01	ppm	1	PASS	ND
BIFENTHRIN	0.01	ppm	0.5	PASS	ND	THIACLOPRID	0.01	ppm	0.1	PASS	ND
BOSCALID	0.01	PPM	3	PASS	ND	THIAMETHOXAM	0.01	ppm	1	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	3	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND	PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.2	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	3	PASS	ND	PARATHION-METHYL *	0.01	PPM	0.1	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	PASS	ND	CAPTAN *	0.07	PPM	3	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND	CHLORDANE *	0.01	PPM	0.1	PASS	ND
CLOFENTHIZINE	0.01	ppm	0.5	PASS	ND	CHLORFENAPYR *	0.01	PPM	0.1	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND	CYFLUTHRIN *	0.05	PPM	1	PASS	ND
DAMINOZIDE	0.01	ppm	0.1	PASS	ND	CYPERMETHRIN *	0.05	PPM	1	PASS	ND
DIAZINON	0.01	ppm	3	PASS	ND						
DICHLORVOS	0.01	ppm	0.1	PASS	ND	Analyzed by:	Weight:	Extraction date:	Extracted by:		
DIMETHOATE	0.01	ppm	0.1	PASS	ND	1649, 3575, 3303, 3317	1.0348g	06/22/22 13:35:17	3575		
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND	Analysis Method : SOP.T.30.101.FL, SOP.T.30.102.FL, SOP.T.30.151.FL, SOP.T.40.101.FL, SOP.T.40.102.FL, SOP.T.40.151.FL					
ETOFENPROX	0.01	ppm	0.1	PASS	ND	Analytical Batch : GA045710PES		Reviewed On : 06/23/22 16:37:55			
ETOXAZOLE	0.01	ppm	1.5	PASS	ND	Instrument Used : GA-LCMS-001 PES		Batch Date : 06/21/22 11:46:05			
FENHEXAMID	0.01	ppm	3	PASS	ND	Running on : 06/22/22 15:44:44					
FENOXYCARB	0.01	ppm	0.1	PASS	ND	Dilution : 10					
FENPYROXIMATE	0.01	ppm	2	PASS	ND	Reagent : 062122.R09; 060422.R38; 060422.R35; 011122.06					
FIPRONIL	0.01	ppm	0.1	PASS	ND	Consumables : 947.109; 470228-424; 9291.271; 110921; 210419634; 296055173; 210268					
FLONICAMID	0.01	ppm	2	PASS	ND	Pipette : GA-002; GA-210 Dispenser					
FLUDIOXONIL	0.01	ppm	3	PASS	ND	Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry and Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
HEXYTHIAZOX	0.01	ppm	2	PASS	ND	Analyzed by:	Weight:	Extraction date:	Extracted by:		
IMAZALIL	0.01	ppm	0.1	PASS	ND	NA	NA	NA	NA		
IMIDACLOPRID	0.01	ppm	1	PASS	ND	Analysis Method : SOP.T.30.060; SOP.T.40.060					
KRESOXIM-METHYL	0.01	ppm	1	PASS	ND	Analytical Batch : GA045777VOL		Reviewed On : 06/23/22 09:53:41			
MALATHION	0.01	ppm	2	PASS	ND	Instrument Used : GA-GCMS-006		Batch Date : 06/22/22 13:57:07			
METALAXYL	0.01	ppm	3	PASS	ND	Running on :					
METHIOCARB	0.01	ppm	0.1	PASS	ND	Dilution : 100					
METHOMYL	0.01	ppm	0.1	PASS	ND	Reagent : 062122.R09; 060422.R38; 060422.R35; 011122.06; 061522.R52					
MEVINPHOS	0.01	ppm	0.1	PASS	ND	Consumables : 947.109; 470228-424; 9291.271; 110921; 210419634; 296055173; 210268; 55447-U.14725401; 944C4 944J; 206639					
MYCLOBUTANIL	0.01	ppm	3	PASS	ND	Pipette : GA-006; GA-011; GA-013					
NALED	0.01	ppm	0.5	PASS	ND	Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry and Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
OXAMYL	0.01	ppm	0.5	PASS	ND						
PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND						
PHOSMET	0.01	ppm	0.2	PASS	ND						
PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND						
PRALLETHRIN	0.01	ppm	0.4	PASS	ND						



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Sample : GA20622001-013

Harvest/Lot ID: BP100P-2206-10169

Batch# : RME100T-2206-9398

Sampled : 06/22/22

Ordered : 06/22/22

Sample Size Received : 1015 gram

Total Batch Size : 1058 units

Completed : 06/25/22 Expires: 06/25/23

Sample Method : SOP.T.20.010

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Residual Solvents

PASSED

Solvents	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	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
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:
 NA

Weight:

 Extraction date:
 NA

 Extracted by:
 NA

Analysis Method : SOP.T.40.041.FL

Analytical Batch : GA045691SOL

Instrument Used : GA-GCMS-001 Headspace Solvent

Running on : 06/21/22 10:23:17

Reviewed On : 06/23/22 11:22:41

Batch Date : 06/21/22 10:05:22

Dilution : 1

Reagent :

Consumables : 27296; 854996

Pipette :

Residual solvents analysis is performed utilizing Gas Chromatography Mass Spectrometry in accordance with with F.S. Rule 64ER20-39.



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Sample : GA20622001-013

Harvest/Lot ID: BP100P-2206-10169

Batch#: RME100T-2206-9398

Sampled : 06/22/22

Ordered : 06/22/22




Sample Size Received : 1015 gram

Total Batch Size : 1058 units

Completed : 06/25/22 Expires: 06/25/23

Sample Method : SOP.T.20.010

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<div></div> <div>Microbial</div> <div>PASSED</div>						<div></div> <div>Mycotoxins</div> <div>PASSED</div>					
Analyte	LOD	Units	Result	Pass / Fail	Action Level	Analyte	LOD	Units	Result	Pass / Fail	Action Level
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS		AFLATOXIN B2	0.002	ppm	ND	PASS	0.02
SALMONELLA SPECIFIC GENE			Not Present	PASS		AFLATOXIN B1	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FLAVUS			Not Present	PASS		OCHRATOXIN A	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FUMIGATUS			Not Present	PASS		AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
ASPERGILLUS TERREUS			Not Present	PASS		AFLATOXIN G2	0.002	ppm	ND	PASS	0.02
ASPERGILLUS NIGER			Not Present	PASS							
TOTAL YEAST AND MOLD	10	CFU/g	<10	PASS	100000	Analyzed by: 1649, 3575, 3303, 3317	Weight: 1.0348g	Extraction date: 06/22/22 13:35:17	Extracted by: 3575		
Analyzed by: 1649, 2821, 1790, 1541 Weight: 1.17g Extraction date: 06/22/22 15:52:23 Extracted by: 2821						Analysis Method : SOP.T.30.101.FL, SOP.T.40.101.FL, SOP.T.30.102.FL, SOP.T.40.102.FL Analytical Batch : GA045776MYC Instrument Used : GA-LCMS-001 MYC Running on : 06/22/22 15:43:12 Reviewed On : 06/23/22 16:39:33 Batch Date : 06/22/22 13:57:04					
Analysis Method : SOP.T.40.041, SOP.T.40.043, SOP.T.40.045, SOP.T.40.056B, SOP.T.40.058.FL, SOP.T.40.208 Analytical Batch : GA045783MIC Instrument Used : GA-MIC-001 bioMérieux Gene Up RTPCR Running on : 06/22/22 15:54:32 Reviewed On : 06/25/22 10:04:26 Batch Date : 06/22/22 15:51:44						Dilution : Reagent : aflatoxin_b2; aflatoxin_b1; aflatoxin_g1; aflatoxin_g2 Consumables : 0.02; 0.02; 0.02; 0.02 Pipette :					
Microbial testing is performed utilizing various technologies including: PCR, RTPCR, MPN, and traditional culture based techniques in accordance with F.S. Rule 64ER20-39..						Mycotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
<div></div> <div>Heavy Metals</div> <div>PASSED</div>											
Metal	LOD	Units	Result	Pass / Fail	Action Level	Metal	LOD	Units	Result	Pass / Fail	Action Level
ARSENIC	0.02	PPM	ND	PASS	1.5	ARSENIC	0.02	PPM	ND	PASS	1.5
CADMIUM	0.02	PPM	<0.1	PASS	0.5	CADMIUM	0.02	PPM	<0.1	PASS	0.5
MERCURY	0.02	PPM	ND	PASS	3	MERCURY	0.02	PPM	ND	PASS	3
LEAD	0.05	PPM	ND	PASS	0.5	LEAD	0.05	PPM	ND	PASS	0.5
Analyzed by: 1649, 3571, 3317, 3303 Weight: 0.5217g Extraction date: 06/22/22 12:39:39 Extracted by: 3571						Analyzed by: 1649, 3571, 3317, 3303 Weight: 0.5217g Extraction date: 06/22/22 12:39:39 Extracted by: 3571					
Analysis Method : SOP.T.30.081.FL, SOP.T.30.082.FL, SOP.T.40.081.FL, SOP.T.40.082.FL Analytical Batch : GA045660HEA Instrument Used : GA-ICPMS-002 Running on : 06/22/22 16:26:02 Reviewed On : 06/23/22 08:13:38 Batch Date : 06/20/22 15:45:58						Analysis Method : SOP.T.30.081.FL, SOP.T.30.082.FL, SOP.T.40.081.FL, SOP.T.40.082.FL Analytical Batch : GA045660HEA Instrument Used : GA-ICPMS-002 Running on : 06/22/22 16:26:02 Reviewed On : 06/23/22 08:13:38 Batch Date : 06/20/22 15:45:58					
Dilution : 90 Reagent : 060122.12 Consumables : 2304090; 2304090; 61630-123C6-123E; GA-185; GA-213 Pipette : GA-154; GA-213						Dilution : 2 Reagent : 041622.R02; 051622.R03; 041722.R01; 042022.R45; 061621.03; 052422.R35; 061422.R22; 010421.48 Consumables : L2019501; GA-194; GA-195; CGR0114; 12400-133CD-133C; 210268 Pipette : GA-012; GA-183; GA-193					
Total yeast and mold testing is performed utilizing MPN and traditional culture based techniques in accordance with F.S. Rule 64ER20-39.						Heavy Metals analysis is performed using Inductively Coupled Plasma Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					



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Sample Method : SOP.T.20.010

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Filth/Foreign Material
PASSED
Homogeneity
PASSED

Amount of tests conducted : 12

Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	1	%	ND	PASS	5

Analyzed by: 1649, 3192, 3303	Weight: 451g	Extraction date: 06/22/22 11:48:32	Extracted by: 3192
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Analysis Method : SOP.T.30.074, SOP.T.40.074

Analytical Batch : GA045765FIL

Instrument Used : GA-Filth/Foreign Material Microscope

Running on :

Reviewed On : 06/22/22 16:20:57

Batch Date : 06/22/22 11:48:17

Dilution : 1

Reagent :

Consumables :

Pipette :

Filth and foreign material inspection is performed by visual inspection utilizing naked eye and microscope technologies in accordance with F.S. Rule 64ER20-39.


Water Activity
PASSED

Analyte	LOD	Units	Result	P/F	Action Level
Water Activity	0.1	aw	0.508	PASS	0.85

Analyzed by: 1649, 3600, 3192	Weight: 6.3286g	Extraction date: 06/22/22 12:08:09	Extracted by: 3600
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Analysis Method : SOP.T.40.019

Analytical Batch : GA045766WAT

Instrument Used : GA-203 Rotronic HygroPalm

Running on :

Reviewed On : 06/22/22 16:55:16

Batch Date : 06/22/22 11:50:44

Dilution : 1

Reagent :

Consumables : 107264

Pipette :

Water Activity is performed using a Rotronic HygroPalm HP 23-AW in accordance with F.S. Rule 64ER20-39.

Analyte	LOD	Units	Pass/Fail	Result	Action Level
TOTAL THC - HOMOGENEITY (RSD)	0.001	%	PASS	8.698	25
TOTAL CBD - HOMOGENEITY (RSD)	0.001	%	PASS	ND	25

Analyzed by	Average Weight	Extraction date :	Extracted By :
1649, 3571, 2507, 1541	4.646g	06/22/22 13:59:59	3571

Analysis Method : SOP.T.30.111.FL, SOP.T.40.111.FL

Analytical Batch : GA045773HOM

Instrument Used : GA-HPLC-001 HOM

Running on : 06/22/22 18:02:08

Reviewed On : 06/23/22 16:37:26

Batch Date : 06/22/22 12:35:33

Dilution : 40

Reagent : 020322.R09; 051822.01; 060922.14; 061122.R34; 061122.R30

Consumables : 947.217; H20364; 9291.197; 110921; 12035-035CD-035C; R0NB32898; 00321396; GA-169; 944C4 944J; 210268; 206639

Pipette : GA-002; GA-146; GA-182

Homogeneity testing is performed utilizing High Performance Liquid Chromatography with UV detection in accordance with F.S. Rule 64ER20-39.