



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample:GA30515002-002  
Harvest/Lot ID: HZFCLB205-2305-20735  
Batch#: BB7-521-0330323-FF  
Cultivation Facility: Gainesville Cultivation  
Processing Facility : Gainesville Processing  
Source Facility : Gainesville Cultivation  
Seed to Sale# HZFCLB205-2305-20735  
Batch Date: 05/10/23  
Sample Size Received: 16 gram  
Total Amount: 798 units  
Retail Product Size: 1 gram  
Ordered: 05/15/23  
Sampled: 05/15/23  
Completed: 05/18/23  
Sampling Method: SOP.T.20.010

May 18, 2023 | Liberty Health Sciences,  
FL

18770 N CR 225  
Gainesville, FL, 32609, US



**PASSED**

Pages 1 of 6

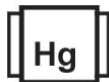
### PRODUCT IMAGE



### SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals Solvents  
**PASSED**



Filtration  
**PASSED**



Water Activity  
**PASSED**



Moisture  
**NOT TESTED**



Terpenes  
**TESTED**

### MISC.



### Cannabinoid

**PASSED**



Total THC

**69.085%**

Total THC/Container : 690.85 mg



Total CBD

**0%**

Total CBD/Container : 0 mg



Total Cannabinoids

**79.947%**

Total Cannabinoids/Container : 799.47 mg

	D9-THC	THCA	CBD	CBDa	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	8.183	69.444	ND	<0.2	ND	0.303	1.771	ND	ND	ND	0.246
mg/unit	81.83	694.44	ND	<2	ND	3.03	17.71	ND	ND	ND	2.46
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:  
3192, 2507, 3303

Weight:  
0.1033g

Extraction date:  
05/16/23 12:37:21

Extracted by:  
3571

Analysis Method : SOP.T.40.031, SOP.T.30.031  
Analytical Batch : GA060217POT  
Instrument Used : GA-HPLC-003 2030C PDA (Derivative)  
Analyzed Date : 05/16/23 16:31:32

Reviewed On : 05/17/23 17:05:14  
Batch Date : 05/15/23 13:06:51

Dilution : 400  
Reagent : 030323.R43; 010421.44; 030823.04; 041423.R20; 050423.R29  
Consumables : 927.100; 9291.100; 12532-225CD-225C; GA-169; 21/05/14; LLS-00-0005; R0NB32898; 46610-762A; 944C4 944; 209598; 206639  
Pipette : GA-002; GA-003; GA-004; GA-013

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

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**Miranda MacDonald**  
Lab Director

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



Signature  
05/18/23



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 18770 N CR 225  
 Gainesville, FL, 32609, US  
 Telephone: (833) 254-4877  
 Email: Qualityassurance@libertyhealthsciences.com

 Sample : GA30515002-002  
 Harvest/Lot ID: HZFCLB205-2305-20735

 Batch# : BB7-521-0330323-FF Sample Size Received : 16 gram  
 Total Amount : 798 units  
 Sampled : 05/15/23 Completed : 05/18/23 Expires: 05/18/24  
 Ordered : 05/15/23 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	5	PASS	ND	OXAMYL	0.01	ppm	0.5	PASS	ND
TOTAL DIMETHOMORPH	0.01	ppm	0.2	PASS	ND	PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND
TOTAL PERMETHRIN	0.01	ppm	0.1	PASS	ND	PHOSMET	0.01	ppm	0.1	PASS	ND
TOTAL PYRETHRINS	0.01	ppm	0.5	PASS	ND	PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND
TOTAL SPINETORAM	0.01	ppm	0.2	PASS	ND	PRALLETHRIN	0.01	ppm	0.1	PASS	ND
TOTAL SPINOSAD	0.01	ppm	0.1	PASS	ND	PROPICONAZOLE	0.01	ppm	0.1	PASS	ND
ABAMECTIN B1A	0.01	ppm	0.1	PASS	ND	PROPOXUR	0.01	ppm	0.1	PASS	ND
ACEPHATE	0.01	ppm	0.1	PASS	ND	PYRIDABEN	0.01	ppm	0.2	PASS	ND
ACEQUINOCYL	0.01	ppm	0.1	PASS	ND	SPIROMESIFEN	0.01	ppm	0.1	PASS	ND
ACETAMIPRID	0.01	ppm	0.1	PASS	ND	SPIROTETRAMAT	0.01	ppm	0.1	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND	SPIROXAMINE	0.01	ppm	0.1	PASS	ND
AZOXYSTROBIN	0.01	ppm	0.1	PASS	ND	TEBUCONAZOLE	0.01	ppm	0.1	PASS	ND
BIFENAZATE	0.01	ppm	0.1	PASS	ND	THIACLOPRID	0.01	ppm	0.1	PASS	ND
BIFENTHRIN	0.01	ppm	0.1	PASS	ND	THIAMETHOXAM	0.01	ppm	0.5	PASS	ND
BOSCALID	0.01	ppm	0.1	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	0.1	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND	PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.15	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND	PARATHION-METHYL *	0.01	PPM	0.1	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	1	PASS	ND	CAPTAN *	0.07	PPM	0.7	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	1	PASS	ND	CHLORDANE *	0.01	PPM	0.1	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND	CHLORFENAPYR *	0.01	PPM	0.1	PASS	ND
CLOFENTHIZINE	0.01	ppm	0.2	PASS	ND	CYFLUTHRIN *	0.05	PPM	0.5	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND	CYPERMETHRIN *	0.05	PPM	0.5	PASS	ND
DAMINOZIDE	0.01	ppm	0.1	PASS	ND	<div>Analyzed by: 795, 3303, 3192Weight: 0.265gExtraction date: 05/17/23 15:38:44Extracted by: 795</div> <div>Analysis Method : SOP.T.30.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.101.FL (Gainesville), SOP.T.40.102.FL (Davie)</div> <div>Analytical Batch : DA060277PESReviewed On : 05/17/23 16:23:03</div> <div>Instrument Used : DA-LCMS-003 (PES)Batch Date : 05/16/23 21:41:20</div> <div>Analyzed Date : N/A</div> <div>Dilution : 250</div> <div>Reagent : 051523.R02; 051023.R47; 042623.R45; 051723.R01; 040521.11</div> <div>Consumables : 6698360-03</div> <div>Pipette : DA-093; DA-094; DA-219</div> <div>Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.</div>					
DICHLORVOS	0.01	ppm	0.1	PASS	ND						
DIMETHOATE	0.01	ppm	0.1	PASS	ND						
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND						
ETOFENPROX	0.01	ppm	0.1	PASS	ND						
ETOXAZOLE	0.01	ppm	0.1	PASS	ND						
FENHEXAMID	0.01	ppm	0.1	PASS	ND						
FENOXYCARB	0.01	ppm	0.1	PASS	ND						
FENPYROXIMATE	0.01	ppm	0.1	PASS	ND						
FIPRONIL	0.01	ppm	0.1	PASS	ND						
FLONICAMID	0.01	ppm	0.1	PASS	ND						
FLUDIOXONIL	0.01	ppm	0.1	PASS	ND						
HEXYTHIAZOX	0.01	ppm	0.1	PASS	ND						
IMAZALIL	0.01	ppm	0.1	PASS	ND						
IMIDACLOPRID	0.01	ppm	0.4	PASS	ND						
KRESOXIM-METHYL	0.01	ppm	0.1	PASS	ND						
MALATHION	0.01	ppm	0.2	PASS	ND						
METALAXYL	0.01	ppm	0.1	PASS	ND						
METHIOCARB	0.01	ppm	0.1	PASS	ND						
METHOMYL	0.01	ppm	0.1	PASS	ND						
MEVINPHOS	0.01	ppm	0.1	PASS	ND						
MYCLOBUTANIL	0.01	ppm	0.1	PASS	ND						
NALED	0.01	ppm	0.25	PASS	ND						
						<div>Analysis Method : SOP.T.30.151.FL (Gainesville), SOP.T.30.151A.FL (Davie), SOP.T.40.151.FL</div> <div>Analytical Batch : GA060221VOLReviewed On : 05/17/23 17:00:09</div> <div>Instrument Used : GA-GCMS-006Batch Date : 05/15/23 13:09:48</div> <div>Analyzed Date : 05/16/23 09:17:08</div> <div>Dilution : 50</div> <div>Reagent : 051123.R18; 040623.R32; 011122.06</div> <div>Consumables : 927.100; 9291.100; GA-210; H20364; LLS-00-0005; 89012-780; 296055173; 55447-U.15143701; 944C4 944; 209598; 206639</div> <div>Pipette : GA-002; GA-004; GA-013</div> <div>Testing for agricultural agents is performed utilizing Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.</div>					

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**Miranda MacDonald**  
 Lab Director

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 17025:2017 Accreditation P/LA-  
 Testing 97164

  
 Signature  
 05/18/23





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 Email: Qualityassurance@libertyhealthsciences.com

Sample : GA30515002-002

Harvest/Lot ID: HZFCLB205-2305-20735

Batch# : BB7-521-0330323-FF

Sampled : 05/15/23

Ordered : 05/15/23

Sample Size Received : 16 gram

Total Amount : 798 units

Completed : 05/18/23 Expires: 05/18/24

Sample Method : SOP.T.20.010

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## Residual Solvents

**PASSED**

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

 Analyzed by:  
 2155, 3303, 3192

 Weight:  
 0.0252g

 Extraction date:  
 05/16/23 10:25:48

 Extracted by:  
 3317,2155

Analysis Method : SOP.T.40.041.FL

Analytical Batch : GA060216SOL

Instrument Used : GA-GCMS-001 Headspace Solvent

Analyzed Date : 05/16/23 10:33:45

Reviewed On : 05/17/23 16:56:17

Batch Date : 05/15/23 12:51:52

Dilution : N/A

Reagent : 010421.47

Consumables : R2017.167; G201.167

Pipette : GA-253

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



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Batch# : BB7-521-0330323-FF

Sampled : 05/15/23

Ordered : 05/15/23



Sample Size Received : 16 gram


Total Amount : 798 units

Completed : 05/18/23 Expires: 05/18/24

Sample Method : SOP.T.20.010

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	<b>Microbial</b>	<b>PASSED</b>		<b>Mycotoxins</b>	<b>PASSED</b>						
Analyte	LOD	Units	Result	Pass / Fail	Action Level	Analyte	LOD	Units	Result	Pass / Fail	Action Level
ECOLI SHIGELLA			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: 795, 3303, 3192	Weight: 0.265g	Extraction date: 05/17/23 15:38:44		Extracted by: 795	
Analyzed by: 3793, 3721, 3303, 3192	Weight: 0.9093g	Extraction date: 05/15/23 17:00:50		Extracted by: 3793		Analysis Method : SOP.T.30.101.FL (Gainesville), SOP.T.40.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.102.FL (Davie)					
Analysis Method : SOP.T.40.056C, SOP.T.40.058.FL, SOP.T.40.209.FL						Analytical Batch : DA060278MYC					
Analytical Batch : GA060212MIC						Reviewed On : 05/17/23 16:21:12					
Instrument Used : GA-200 Bacterial / GA-102 Fungal Incubators						Batch Date : 05/16/23 21:43:06					
Analyzed Date : 05/15/23 16:58:40						Analyzed Date : N/A					
Dilution : 10						Dilution : 250					
Reagent : 092022.51						Reagent : 051523.R02; 051023.R47; 042623.R45; 051723.R01; 040521.11					
Consumables : GA-186; 010205; 013209; 007109; P-21557211R						Consumables : 6698360-03					
Pipette : GA-154						Pipette : DA-093; DA-094; DA-219					
Mycotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.											

	<b>Heavy Metals</b>	<b>PASSED</b>			
Metals	LOD	Units	Result	Pass / Fail	Action Level
TOTAL CONTAMINANT LOAD METALS	0.08	ppm	ND	PASS	1.1
ARSENIC	0.02	ppm	ND	PASS	0.2
CADMIUM	0.02	ppm	ND	PASS	0.2
MERCURY	0.02	ppm	ND	PASS	0.2
LEAD	0.02	ppm	<0.1	PASS	0.5
Analyzed by: 2507, 3303, 3192	Weight: 0.2148g	Extraction date: 05/16/23 09:30:53		Extracted by: 3571,3317	
Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL					
Analytical Batch : GA060223HEA					
Instrument Used : GA-ICPMS-002					
Analyzed Date : 05/17/23 09:31:02					
Reviewed On : 05/17/23 16:26:41					
Batch Date : 05/15/23 13:11:18					
Dilution : 50					
Reagent : 042723.R27; 050623.R01; 010421.44; 071522.04; 011523.R02; 050623.R02; 110122.R06; 011523.R04					
Consumables : GA-194; GA-195; 209598; 12532-225CD-225C					
Pipette : GA-012					
Heavy Metals analysis is performed using Inductively Coupled Plasma Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					



2444 NE 1st Blvd Suite 700  
Gainesville, FL, 32609, US  
833-465-8378

Kaycha Labs

Bubble Bath 70 Live Badder 1g  
Bubble Bath 70  
Matrix : Derivative  
Type: Badder



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Page 6 of 6



**Filth/Foreign  
Material**

**PASSED**

Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	0.1	%	ND	PASS	1

Analyzed by: 3571, 3303, 3192	Weight: 15.331g	Extraction date: 05/15/23 12:23:03	Extracted by: 3571
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Analysis Method : SOP.T.40.090

Analytical Batch : GA060215FIL

Instrument Used : GA-Filth/Foreign Material Microscope

Analyzed Date : N/A

Reviewed On : 05/17/23 16:53:28

Batch Date : 05/15/23 12:08:41

Dilution : N/A

Reagent : N/A

Consumables : N/A

Pipette : N/A

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	0.01	aw	0.658	PASS	0.85

Analyzed by: 3571, 2507, 3192	Weight: 0.7635g	Extraction date: 05/15/23 18:29:38	Extracted by: 3571
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Analysis Method : SOP.T.40.019

Analytical Batch : GA060222WAT

Instrument Used : GA-085 Rotronic HygroPalm

Analyzed Date : N/A

Reviewed On : 05/17/23 17:05:35

Batch Date : 05/15/23 13:10:38

Dilution : N/A

Reagent : N/A

Consumables : 107264

Pipette : N/A

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

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MacDonald**  
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Testing 97164

Signature  
05/18/23