



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample:GA30512001-001

Harvest/Lot ID: HZFCLDZ119-2305-20669

Batch#: MH-48D-030923-FF

Cultivation Facility: Gainesville Cultivation

Processing Facility : Gainesville Processing

Source Facility : Gainesville Cultivation

Seed to Sale# HZFCLDZ119-2305-20669

Batch Date: 05/08/23

Sample Size Received: 16 gram

Total Amount: 1208 units

Retail Product Size: 1 gram

Ordered: 05/12/23

Sampled: 05/12/23

Completed: 05/16/23

Sampling Method: SOP.T.20.010

May 16, 2023 | Liberty Health Sciences,
FL

18770 N CR 225

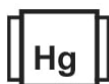
Gainesville, FL, 32609, US


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
76.09%

Total THC/Container : 760.9 mg


Total CBD
0%

Total CBD/Container : 0 mg


Total Cannabinoids
86.258%

Total Cannabinoids/Container : 862.58 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	24.774	58.514	ND	<0.2	ND	0.977	1.691	ND	<0.2	ND	0.302
mg/unit	247.74	585.14	ND	<2	ND	9.77	16.91	ND	<2	ND	3.02
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:
3317, 3192, 3303

Weight:
0.1083g

Extraction date:
05/12/23 14:00:27

Extracted by:
3571,3655

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

Analytical Batch : GA060079POT

Instrument Used : GA-HPLC-001 2030C Plus (Derivative)

Analyzed Date : 05/13/23 16:38:41

Reviewed On : 05/15/23 14:23:09

Batch Date : 05/11/23 18:22:42

Dilution : 400

Reagent : 030323.R43; 010421.44; 041023.04; 041423.R19; 050423.R30

Consumables : GA-169; 947.109; 21/05/14; 9291.271; LLS-00-0005; 12543-226CD-226C; R0NB32898; 46610-762A; 944C4 944J; 209598; 212516

Pipette : GA-003; GA-005; GA-007; GA-177

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
05/16/23



Certificate of Analysis

PASSED

Liberty Health Sciences, FL

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

Sample : GA30512001-001

Harvest/Lot ID: HZFCLDZ119-2305-20669

Batch# : MH-48D-030923-FF

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Total Amount : 1208 units

Completed : 05/16/23 Expires: 05/16/24

Sample Method : SOP.T.20.010

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Terpenes

TESTED

Terpenes	LOD (%)	mg/unit	%	Result (%)	Terpenes	LOD (%)	mg/unit	%	Result (%)
TOTAL TERPENES	0.007	29.92	2.992		FARNESENE	0.001	ND	ND	
TOTAL TERPINEOL	0.007	0.68	0.068		ALPHA-HUMULENE	0.007	3.17	0.317	
ALPHA-BISABOLOL	0.007	<1	<0.1		VALENCENE	0.007	ND	ND	
ALPHA-PINENE	0.007	1.79	0.179		CIS-NEROLIDOL	0.007	ND	ND	
CAMPHENE	0.007	ND	ND		TRANS-NEROLIDOL	0.007	<1	<0.1	
SABINENE	0.007	ND	ND		CARYOPHYLLENE OXIDE	0.007	<1	<0.1	
BETA-PINENE	0.007	1.12	0.112		GUAIOL	0.007	ND	ND	
BETA-MYRCENE	0.007	3.85	0.385		CEDROL	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	ND	ND		<div>Analyzed by: 2155, 3317, 2338, 3303Weight: 1.0966gExtraction date: 05/13/23 10:54:45Extracted by: 3655,3575</div> <div>Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FLAnalytical Batch : GA060064TERReviewed On : 05/14/23 13:20:39</div> <div>Instrument Used : GA-GCMS-005 QP2020NX (Derivative)Batch Date : 05/11/23 11:20:35</div> <div>Analyzed Date : 05/13/23 16:00:43</div>				
3-CARENE	0.007	ND	ND						
ALPHA-TERPINENE	0.007	ND	ND						
LIMONENE	0.007	7.46	0.746						
EUCALYPTOL	0.007	ND	ND		<div>Dilution : 50Reagent : 021123.R06; 032223.04; 010421.44</div> <div>Consumables : 212823; 947.109; 21/05/14; 9291.271; LLS-00-0005; 89012-780; RONB32898; 46610-762A; 031C4 - 031J; 206639</div> <div>Pipette : GA-002; GA-005; GA-177; GA-211 Dispenser</div> <div>Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.</div>				
OCIMENE	0.007	ND	ND						
GAMMA-TERPINENE	0.007	ND	ND						
SABINENE HYDRATE	0.007	ND	ND						
TERPINOLENE	0.007	ND	ND						
FENCHONE	0.007	ND	ND						
LINALOOL	0.007	3.76	0.376						
FENCHYL ALCOHOL	0.007	<1	<0.1						
ISOPULEGOL	0.007	ND	ND						
CAMPHOR	0.013	ND	ND						
ISOBORNEOL	0.007	ND	ND						
BORNEOL	0.013	ND	ND						
HEXAHYDROTHYMOL	0.007	ND	ND						
NEROL	0.007	ND	ND						
PULEGONE	0.007	ND	ND						
GERANIOL	0.007	<1	<0.1						
GERANYL ACETATE	0.007	ND	ND						
ALPHA-CEDRENE	0.007	ND	ND						
BETA-CARYOPHYLLENE	0.007	8.09	0.809						
Total (%)			2.992						

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 Lab Director

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 Testing 97164


 Signature
 05/16/23



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<div><div></div><div>Pesticides</div></div>						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						
DIAZINON	0.01	ppm	0.1	PASS	ND	Analyzed by: 795, 3303	Weight: 0.2544g	Extraction date: 05/15/23 15:45:41	Extracted by: 795		
DICHLORVOS	0.01	ppm	0.1	PASS	ND	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)					
DIMETHOATE	0.01	ppm	0.1	PASS	ND	Analytical Batch : DA060228PES				Reviewed On : 05/16/23 16:33:51	
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND	Instrument Used : DA-LCMS-004 (PES)				Batch Date : 05/15/23 15:33:54	
ETOFENPROX	0.01	ppm	0.1	PASS	ND	Analyzed Date : N/A					
ETOXAZOLE	0.01	ppm	0.1	PASS	ND	Dilution : 250					
FENHEXAMID	0.01	ppm	0.1	PASS	ND	Reagent : 051523.R02; 051023.R47; 042623.R45; 051023.R16; 040521.11					
FENOXYCARB	0.01	ppm	0.1	PASS	ND	Consumables : 6698360-03					
FENPYROXIMATE	0.01	ppm	0.1	PASS	ND	Pipette : DA-093; DA-094; DA-219					
FIPRONIL	0.01	ppm	0.1	PASS	ND	Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
FLONICAMID	0.01	ppm	0.1	PASS	ND	Analyzed by: 2155, 3317, 3303	Weight: 0.9284g	Extraction date: 05/12/23 13:17:47	Extracted by: 3575		
FLUDIOXONIL	0.01	ppm	0.1	PASS	ND	Analysis Method : SOP.T.30.151.FL (Gainesville), SOP.T.30.151A.FL (Davie), SOP.T.40.151.FL					
HEXYTHIAZOX	0.01	ppm	0.1	PASS	ND	Analytical Batch : GA060123VOL				Reviewed On : 05/13/23 16:43:09	
IMAZALIL	0.01	ppm	0.1	PASS	ND	Instrument Used : GA-GCMS-006				Batch Date : 05/12/23 11:31:41	
IMIDACLOPRID	0.01	ppm	0.4	PASS	ND	Analyzed Date : 05/12/23 15:16:14					
KRESOXIM-METHYL	0.01	ppm	0.1	PASS	ND	Dilution : 50					
MALATHION	0.01	ppm	0.2	PASS	ND	Reagent : 051123.R18; 032823.R34; 011122.06					
METALAXYL	0.01	ppm	0.1	PASS	ND	Consumables : 212823; 947.109; 21/05/14; 9291.271; LLS-00-0005; 89012-780; 296055173; 46610-762A					
METHIOCARB	0.01	ppm	0.1	PASS	ND	031C4 - 031 J; 206639					
METHOMYL	0.01	ppm	0.1	PASS	ND	Pipette : GA-003; GA-005; GA-177; GA-210 Dispenser					
MEVINPHOS	0.01	ppm	0.1	PASS	ND	Testing for agricultural agents is performed utilizing Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
MYCLOBUTANIL	0.01	ppm	0.1	PASS	ND						
NALED	0.01	ppm	0.25	PASS	ND						

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 05/16/23



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 Batch# : MH-48D-030923-FF
 Sample Size Received : 16 gram
 Total Amount : 1208 units
 Completed : 05/16/23 Expires: 05/16/24
 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, 3317, 3303

 Weight:
 0.03g

 Extraction date:
 05/12/23 13:41:19

 Extracted by:
 2155

 Analysis Method : SOP.T.40.041.FL
 Analytical Batch : GA060105SOL
 Instrument Used : GA-GCMS-001 Headspace Solvent
 Analyzed Date : 05/12/23 13:42:48

 Reviewed On : 05/13/23 16:44:43
 Batch Date : 05/12/23 10:35:53

 Dilution : N/A
 Reagent : 010421.47
 Consumables : 27296; 854996
 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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 Sample Method : SOP.T.20.010

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	Microbial	PASSED		Mycotoxins	PASSED
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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:		Weight:		Extraction date:	
						3793, 3721, 3303		0.2544g		05/15/23 15:45:41	
Analyzed by:	Weight:	Extraction date:	Extracted by:							Extracted by:	
3793, 3721, 3303	1.0466g	05/12/23 11:52:10	3721							795	
Analysis Method : SOP.T.40.056C, SOP.T.40.058.FL, SOP.T.40.209.FL						Analysis Method : SOP.T.30.101.FL (Gainesville), SOP.T.40.101.FL (Gainesville),					
Analytical Batch : GA060104MIC						SOP.T.30.102.FL (Davie), SOP.T.40.102.FL (Davie)					
Instrument Used : GA-200 Bacterial / GA-102 Fungal Incubators						Analytical Batch : DA060229MYC					
Analyzed Date : N/A						Instrument Used : DA-LCMS-004 (MYC)					
Dilution : 10						Analyzed Date : N/A					
Reagent : 092022.51						Dilution : 250					
Consumables : GA-186; 010205; 2854201; 258111; 013209; 005110; 007109;						Reagent : 051523.R02; 051023.R47; 042623.R45; 051023.R16; 040521.11					
61630-123C6-123E						Consumables : 6698360-03					
Pipette : GA-140						Pipette : DA-093; DA-094; DA-219					
Total yeast and mold testing is performed utilizing 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.					

Analyzed by: 3793, 3721, 3303	Weight: 1.0466g	Extraction date: 05/12/23 11:52:10	Extracted by: 3721	<div><div><div>Hg</div></div></div> <div>Heavy Metals</div>	PASSED
Analysis Method : SOP.T.40.208 (Gainesville), SOP.T.40.209.FL Analytical Batch : GA060110TYM Instrument Used : GA-102 Fungal Incubator (TYM) Analyzed Date : N/A					
Dilution : 10 Reagent : 092022.51 Consumables : GA-186; 007109; 61630-123C6-123E Pipette : GA-140				Metal	
Total yeast and mold testing is performed utilizing MPN and traditional culture based techniques in accordance with F.S. Rule 64ER20-39.				TOTAL CONTAMINANT LOAD METALS	
				ARSENIC	
				CADMIUM	
				MERCURY	
				LEAD	
Analyzed by: 3317, 2155, 3303		Weight: 0.2584g	Extraction date: 05/13/23 08:47:09	Extracted by: 3317,3575	
Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL					
Analytical Batch : GA060068HEA					
Instrument Used : GA-ICPMS-002					
Analyzed Date : 05/13/23 14:32:39					
Dilution : 50					
Reagent : 011523.R02; 050623.R02; 110122.R06; 011523.R04; 042723.R27; 050623.R01; 010421.44; 071522.04					
Consumables : 212823; 12543-226CD-226C					
Pipette : GA-012; GA-194; GA-195					
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

Motorhead 15 1g Live Diamonds and Sauce
Motorhead 15
Matrix : Derivative
Type: Live Sauce



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**Filth/Foreign
Material**

PASSED

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

Analyzed by: 3655, 3575, 3303	Weight: 15.2904g	Extraction date: 05/12/23 10:46:38	Extracted by: 3655
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Analysis Method : SOP.T.40.090

Analytical Batch : GA060114FIL

Instrument Used : GA-Filth/Foreign Material Microscope

Analyzed Date : N/A

Reviewed On : 05/12/23 12:41:19

Batch Date : 05/12/23 10:46:21

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	0.594	PASS	0.85

Analyzed by: 3655, 2338, 3303	Weight: 1.2775g	Extraction date: 05/13/23 14:38:15	Extracted by: 3655
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Analysis Method : SOP.T.40.019

Analytical Batch : GA060122WAT

Instrument Used : GA-085 Rotronic HygroPalm

Analyzed Date : 05/13/23 14:56:32

Reviewed On : 05/15/23 10:15:40

Batch Date : 05/12/23 11:30:29

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.

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit Of Quantitation (LOQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. Action Levels are State determined thresholds based on F.S. Rule 64ER20-39 and F.S. Rule 5K-4. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding errors.

**Miranda
MacDonald**
Lab Director

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Testing 97164

Signature
05/16/23