



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample:GA30512001-002
Harvest/Lot ID: NWFB200-2305-20713
Batch#: SP-129P-062921
Cultivation Facility: Gainesville Cultivation
Processing Facility : Gainesville Processing
Source Facility : Gainesville Cultivation
Seed to Sale# NWFB200-2305-20713
Batch Date: 05/10/23
Sample Size Received: 168 gram
Total Amount: 245 units
Retail Product Size: 56 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 5

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

0.413%

Total THC/Container : 231.28 mg



Total CBD

0.441%

Total CBD/Container : 246.96 mg



Total Cannabinoids

0.887%

Total Cannabinoids/Container : 496.72 mg

%	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
mg/unit	0.413	ND	0.441	ND	ND	0.021	ND	0.005	ND	ND	0.007
LOD	231.28	ND	246.96	ND	ND	11.76	ND	2.8	ND	ND	3.92
%	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

Analyzed by:
3655, 3317, 3192, 3303

Weight:
3.0155g

Extraction date:
05/12/23 13:34:14

Extracted by:
3655

Analysis Method : SOP.T.40.031, SOP.T.30.031
Analytical Batch : GA060089POT
Instrument Used : GA-HPLC-001 2030C Plus (Infused)
Analyzed Date : 05/12/23 20:41:27

Reviewed On : 05/16/23 10:38:25
Batch Date : 05/12/23 09:44:27

Dilution : 400
Reagent : 041423.R19; 050423.R30; 062022.14; 010421.44; 041023.04; 071522.04
Consumables : GA-196; GA-169; GA-209; 947.109; 21/05/14; 9291.271; LLS-00-0005; 12543-226CD-226C; RONB32898; 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



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PASSED


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

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 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	OXAMYL	0.01	ppm	0.5	PASS	ND
TOTAL DIMETHOMORPH	0.01	ppm	3	PASS	ND	PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND
TOTAL PERMETHRIN	0.01	ppm	1	PASS	ND	PHOSMET	0.01	ppm	0.2	PASS	ND
TOTAL PYRETHRINS	0.01	ppm	1	PASS	ND	PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND
TOTAL SPINETORAM	0.01	ppm	3	PASS	ND	PRALLETHRIN	0.01	ppm	0.4	PASS	ND
TOTAL SPINOSAD	0.01	ppm	3	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	PYRIDABEN	0.01	ppm	3	PASS	ND
ACEQUINOCYL	0.01	ppm	2	PASS	ND	SPIROMESIFEN	0.01	ppm	3	PASS	ND
ACETAMIPRID	0.01	ppm	3	PASS	ND	SPIROTETRAMAT	0.01	ppm	3	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND	SPIROXAMINE	0.01	ppm	0.1	PASS	ND
AZOXYSTROBIN	0.01	ppm	3	PASS	ND	TEBUCONAZOLE	0.01	ppm	1	PASS	ND
BIFENAZATE	0.01	ppm	3	PASS	ND	THIACLOPRID	0.01	ppm	0.1	PASS	ND
BIFENTHRIN	0.01	ppm	0.5	PASS	ND	THIAMETHOXAM	0.01	ppm	1	PASS	ND
BOSCALID	0.01	ppm	3	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	3	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND	PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.2	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND	PARATHION-METHYL *	0.01	PPM	0.1	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	3	PASS	ND	CAPTAN *	0.07	PPM	3	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	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
CLOFENTEZINE	0.01	ppm	0.5	PASS	ND	CYFLUTHRIN *	0.05	PPM	1	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND	CYPERMETHRIN *	0.05	PPM	1	PASS	ND
DAMINOZIDE	0.01	ppm	0.1	PASS	ND	Analyzed by: 795, 3303Weight: 0.2553gExtraction date: 05/15/23 15:45:42Extracted by: 795					
DIAZINON	0.01	ppm	3	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)					
DICHLORVOS	0.01	ppm	0.1	PASS	ND	Analytical Batch : DA060228PESInstrument Used : DA-LCMS-004 (PES)Reviewed On : 05/16/23 16:33:54					
DIMETHOATE	0.01	ppm	0.1	PASS	ND	Analyzed Date : N/ABatch Date : 05/15/23 15:33:54					
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND	Dilution : 250					
ETOFENPROX	0.01	ppm	0.1	PASS	ND	Reagent : 051523.R02; 051023.R47; 042623.R45; 051023.R16; 040521.11					
ETOXAZOLE	0.01	ppm	1.5	PASS	ND	Consumables : 6698360-03					
FENHEXAMID	0.01	ppm	3	PASS	ND	Pipette : DA-093; DA-094; DA-219					
FENOXYCARB	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.					
FENPYROXIMATE	0.01	ppm	2	PASS	ND	Analyzed by: 2155, 3317, 3303Weight: 1.0533gExtraction date: 05/12/23 13:19:12Extracted by: 3575					
FIPRONIL	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					
FLONICAMID	0.01	ppm	2	PASS	ND	Analytical Batch : GA060123VOLInstrument Used : GA-GCMS-006Reviewed On : 05/13/23 16:43:12					
FLUDIOXONIL	0.01	ppm	3	PASS	ND	Analyzed Date : 05/12/23 15:16:14Batch Date : 05/12/23 11:31:41					
HEXYTHIAZOX	0.01	ppm	2	PASS	ND	Dilution : 50					
IMAZALIL	0.01	ppm	0.1	PASS	ND	Reagent : 051123.R18; 032823.R34; 011122.06					
IMIDACLOPRID	0.01	ppm	1	PASS	ND	Consumables : 212823; 947.109; 21/05/14; 9291.271; LLS-00-0005; 89012-780; 296055173; 46610-762A; 031C4 - 031 J; 206639					
KRESOXIM-METHYL	0.01	ppm	1	PASS	ND	Pipette : GA-003; GA-005; GA-177; GA-210 Dispenser					
MALATHION	0.01	ppm	2	PASS	ND	Testing for agricultural agents is performed utilizing Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
METALAXYL	0.01	ppm	3	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	3	PASS	ND						
NALED	0.01	ppm	0.5	PASS	ND						

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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



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PASSED

Liberty Health Sciences, FL

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

Sample : GA30512001-002

Harvest/Lot ID: NWFB200-2305-20713

Batch# : SP-129P-062921

Sampled : 05/12/23

Ordered : 05/12/23

Sample Size Received : 168 gram

Total Amount : 245 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		TESTED	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:
 0.0229g

 Extraction date:
 05/12/23 13:41:25

 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 16:44:47

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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PASSED



Liberty Health Sciences, FL


 18770 N CR 225
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 Harvest/Lot ID: NWFB200-2305-20713

 Batch# : SP-129P-062921 Sample Size Received : 168 gram
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<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
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							
STAPHYLOCOCCUS AUREUS			Not Present	PASS		Analyzed by: 795, 3303	Weight: 0.2553g	Extraction date: 05/15/23 15:45:42	Extracted by: 795		
LISTERIA MONOCYTOGENES			Not Present	PASS		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)					
BTGN	100	CFU/g	ND	TESTED		Analytical Batch : DA060229MYC		Reviewed On : 05/16/23 16:36:34			
TOTAL YEAST AND MOLD	10	CFU/g	<10	PASS	100000	Instrument Used : DA-LCMS-004 (MYC)		Batch Date : 05/15/23 15:36:54			
Analyzed by: 3793, 3721, 3303						Weight: 1.0271g		Extraction date: 05/12/23 11:52:10		Extracted by: 3721	
Analysis Method : SOP.T.40.056C, SOP.T.40.058.FL, SOP.T.40.209.FL											
Analytical Batch : GA060104MIC			Reviewed On : 05/16/23 12:30:01								
Instrument Used : GA-200 Bacterial / GA-102 Fungal Incubators			Batch Date : 05/12/23 10:32:55								
Analyzed Date : N/A											
Dilution : 10											
Reagent : 092022.51											
Consumables : GA-186; 010205; 2854201; 258111; 013209; 005110; 007109; 61630-123C6-123E											
Pipette : GA-140											
Analyzed by: 3793, 3721, 3303						Weight: 1.0271g		Extraction date: 05/12/23 11:52:10		Extracted by: 3721	
Analysis Method : SOP.T.40.208 (Gainesville), SOP.T.40.209.FL											
Analytical Batch : GA060110TYM			Reviewed On : 05/16/23 12:36:10								
Instrument Used : GA-102 Fungal Incubator (TYM)			Batch Date : 05/12/23 10:40:46								
Analyzed Date : N/A											
Dilution : 10											
Reagent : 092022.51											
Consumables : GA-186; 007109; 61630-123C6-123E											
Pipette : GA-140											
Total yeast and mold testing is performed utilizing MPN and traditional culture based techniques 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
TOTAL CONTAMINANT LOAD METALS	0.08	ppm	ND	PASS	5
ARSENIC	0.02	ppm	ND	PASS	1.5
CADMIUM	0.02	ppm	ND	PASS	0.5
MERCURY	0.02	ppm	ND	PASS	3
LEAD	0.02	ppm	ND	PASS	0.5
Analyzed by: 3317, 2155, 3303	Weight: 0.2429g	Extraction date: 05/13/23 08:44:53	Extracted by: 3317,3575		
Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL					
Analytical Batch : GA060068HEA			Reviewed On : 05/13/23 17:00:00		
Instrument Used : GA-ICPMS-002			Batch Date : 05/11/23 11:23:53		
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

1:1 CBD:THC Body Balm 500mg

N/A

Matrix : Derivative

Type: Topical



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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: 110g	Extraction date: 05/12/23 10:47:17	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 12:41:24

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	0.59	TESTED	

Analyzed by: 3655, 2338, 3303	Weight: 1.1572g	Extraction date: 05/13/23 14:39:22	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 10:15:43

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.

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**Miranda
MacDonald**
Lab Director

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Signature
05/16/23