



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample: DA30511009-001

Harvest/Lot ID: TSPR104-2305-20520

Batch#: LS-PR-020823

Cultivation Facility: Gainesville Cultivation

Processing Facility: Gainesville Processing

Source Facility: Gainesville Cultivation

Seed to Sale# TSPR104-2305-20520

Batch Date: 05/04/23

Sample Size Received: 31.5 gram

Total Amount: 582 units

Retail Product Size: 3.5 gram

Ordered: 05/10/23

Sampled: 05/10/23

Completed: 05/13/23

Sampling Method: SOP.T.20.010

May 13, 2023 | Liberty Health Sciences,  
FL

18770 N CR 225

Gainesville, FL, 32609, US



**PASSED**

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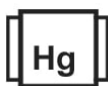
### PRODUCT IMAGE



### SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals Solvents  
**NOT TESTED**



Filtration  
**PASSED**



Water Activity  
**PASSED**



Moisture  
**PASSED**



Terpenes  
**TESTED**

### MISC.



### Cannabinoid

**PASSED**



Total THC

**19.568%**

Total THC/Container : 684.88 mg



Total CBD

**0.049%**

Total CBD/Container : 1.715 mg



Total Cannabinoids

**22.241%**

Total Cannabinoids/Container : 778.435 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	7.914	13.289	0.01	0.045	<0.01	0.23	0.539	0.054	0.071	ND	0.089
mg/unit	276.99	465.115	0.35	1.575	<0.35	8.05	18.865	1.89	2.485	ND	3.115
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
%	%	%	%	%	%	%	%	%	%	%	%

Analized by:  
1665, 3112, 585, 4044

Weight:  
0.2063g

Extraction date:  
05/11/23 10:45:17

Extracted by:  
1665

Analysis Method : SOP.T.40.031, SOP.T.30.031  
Analytical Batch : DA060047POT  
Instrument Used : DA-LC-002 (Flower)  
Analized Date : 05/11/23 10:47:41

Reviewed On : 05/12/23 10:33:48  
Batch Date : 05/11/23 09:47:04

Dilution : 400  
Reagent : 050923.R10; 070621.18; 050923.R05  
Consumables : 280670723; CE0123; 61633-125C6-125E; R1KB14270  
Pipette : DA-079; DA-108; DA-078

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

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**Jorge Segredo**  
Lab Director

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



Signature  
05/13/23



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

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Terpenes

TESTED

Terpenes	LOD (%)	mg/unit	%	Result (%)	Terpenes	LOD (%)	mg/unit	%	Result (%)
TOTAL TERPENES	0.007	44.485	1.271		FARNESENE		2.135	0.061	
TOTAL TERPINEOL	0.007	<0.7	<0.02		ALPHA-HUMULENE	0.007	3.43	0.098	
ALPHA-BISABOLOL	0.007	2.065	0.059		VALENCENE	0.007	ND	ND	
ALPHA-PINENE	0.007	ND	ND		CIS-NEROLIDOL	0.007	ND	ND	
CAMPHENE	0.007	ND	ND		TRANS-NEROLIDOL	0.007	<0.7	<0.02	
SABINENE	0.007	ND	ND		CARYOPHYLLENE OXIDE	0.007	<0.7	<0.02	
BETA-PINENE	0.007	ND	ND		GUAIOL	0.007	ND	ND	
BETA-MYRCENE	0.007	3.745	0.107		CEDROL	0.007	<0.7	<0.02	
ALPHA-PHELLANDRENE	0.007	0.77	0.022		<div>Analyzed by: 2076, 585, 4044Weight: 1.1273gExtraction date: 05/11/23 11:25:54Extracted by: 2076</div> <div>Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FLReviewed On : 05/13/23 12:58:19</div> <div>Analytical Batch : DA060051ITERBatch Date : 05/11/23 10:12:18</div> <div>Instrument Used : DA-GCMS-004</div> <div>Analyzed Date : N/A</div> <div>Dilution : 10</div> <div>Reagent : 121622.29</div> <div>Consumables : 210414634; MKCN9995; CE0123; R1KB14270</div> <div>Pipette : N/A</div> <div>Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.</div>				
3-CARENE	0.007	<0.7	<0.02						
ALPHA-TERPINENE	0.007	<0.7	<0.02						
LIMONENE	0.007	0.98	0.028						
UCALYPTOL	0.007	<0.7	<0.02						
OCIMENE	0.007	2.87	0.082						
GAMMA-TERPINENE	0.007	<0.7	<0.02						
SABINENE HYDRATE	0.007	ND	ND						
TERPINOLENE	0.007	7.315	0.209						
FENCHONE	0.007	ND	ND						
LINALOOL	0.007	1.89	0.054						
FENCHYL ALCOHOL	0.007	<0.7	<0.02						
ISOPULEGOL	0.007	ND	ND						
CAMPHOR	0.013	ND	ND						
ISOBORNEOL	0.007	ND	ND						
BORNEOL	0.013	ND	ND						
HEXAHYDROTHYMOL	0.007	<0.7	<0.02						
NEROL	0.007	ND	ND						
PULEGONE	0.007	ND	ND						
GERANIOL	0.007	<0.7	<0.02						
GERANYL ACETATE	0.007	<0.7	<0.02						
ALPHA-CEDRENE	0.007	ND	ND						
BETA-CARYOPHYLLENE	0.007	11.48	0.328						
Total (%)			1.271						



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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
CLOFENTEZINE	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:	Weight:	Extraction date:	Extracted by:		
DICHLORVOS	0.01	ppm	0.1	PASS	ND	3379, 585, 4044	0.9297g	05/11/23 13:01:29	3379,585		
DIMETHOATE	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)					
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND	Analytical Batch : DA060046PES					
ETOFENPROX	0.01	ppm	0.1	PASS	ND	Instrument Used : DA-LCMS-003 (PES)					
ETOXAZOLE	0.01	ppm	0.1	PASS	ND	Analyzed Date : 05/11/23 13:06:20					
FENHEXAMID	0.01	ppm	0.1	PASS	ND	Dilution : 250					
FENOXYCARB	0.01	ppm	0.1	PASS	ND	Reagent : 050823.R10; 050923.R04; 051023.R18; 051023.R47; 042623.R45; 051023.R16; 040521.11					
FENPYROXIMATE	0.01	ppm	0.1	PASS	ND	Consumables : 6697075-02					
FIPRONIL	0.01	ppm	0.1	PASS	ND	Pipette : DA-093; DA-094; DA-219					
FLONICAMID	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.					
FLUDIOXONIL	0.01	ppm	0.1	PASS	ND	Analyzed by:	Weight:	Extraction date:	Extracted by:		
HEXYTHIAZOX	0.01	ppm	0.1	PASS	ND	450, 585, 4044	0.9297g	05/11/23 13:01:29	3379,585		
IMAZALIL	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					
IMIDACLOPRID	0.01	ppm	0.4	PASS	ND	Analytical Batch : DA060049VOL					
KRESOXIM-METHYL	0.01	ppm	0.1	PASS	ND	Instrument Used : DA-GCMS-006					
MALATHION	0.01	ppm	0.2	PASS	ND	Analyzed Date : 05/11/23 14:00:41					
METALAXYL	0.01	ppm	0.1	PASS	ND	Dilution : 250					
METHIOCARB	0.01	ppm	0.1	PASS	ND	Reagent : 051023.R18; 040521.11; 042723.R38; 050223.R19					
METHOMYL	0.01	ppm	0.1	PASS	ND	Consumables : 6697075-02; 14725401					
MEVINPHOS	0.01	ppm	0.1	PASS	ND	Pipette : DA-080; DA-146; DA-218					
MYCLOBUTANIL	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.					
NALED	0.01	ppm	0.25	PASS	ND						





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
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Total Amount : 582 units

Completed : 05/13/23 Expires: 05/13/24

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: 3336, 3621, 585, 3390, 4044 Weight: 0.9077g Extraction date: 05/11/23 10:50:33 Extracted by: 3336						Analyzed by: 3379, 585, 4044 Weight: 0.9297g Extraction date: 05/11/23 13:01:29 Extracted by: 3379, 585					
Analysis Method : SOP.T.40.056C, SOP.T.40.058.FL, SOP.T.40.209.FL Analytical Batch : DA060037MIC Reviewed On : 05/13/23 18:30:01 Batch Date : 05/11/23 09:17:53						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) Analytical Batch : DA060048MYC Instrument Used : N/A Analyzed Date : 05/11/23 13:06:59 Reviewed On : 05/12/23 13:22:04 Batch Date : 05/11/23 09:49:49					
Instrument Used : PathogenDx Scanner DA-111, Applied Biosystems Thermocycler DA-013, fisherbrand Isotemp Heat Block DA-020, fisherbrand Isotemp Heat Block DA-049, Fisher Scientific Isotemp Heat Block DA-021 Analyzed Date : 05/11/23 11:41:25						Dilution : 250 Reagent : 050823.R10; 050923.R04; 051023.R18; 051023.R47; 042623.R45; 051023.R16; 040521.11 Consumables : 6697075-02 Pipette : DA-093; DA-094; DA-219					
Dilution : N/A Reagent : 031023.07; 092122.08; 042623.R85 Consumables : 7563002005 Pipette : N/A						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>											
Metal	LOD	Units	Result	Pass / Fail	Action Level						
TOTAL CONTAMINANT LOAD METALS	0.08	ppm	ND	PASS	1.1						
ARSENIC	0.02	ppm	<0.1	PASS	0.2						
CADMIUM	0.02	ppm	ND	PASS	0.2						
MERCURY	0.02	ppm	ND	PASS	0.2						
LEAD	0.02	ppm	ND	PASS	0.5						
Analyzed by: 1022, 585, 4044 Weight: 0.2477g Extraction date: 05/11/23 10:26:42 Extracted by: 1022, 3807											
Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL Analytical Batch : DA060040HEA Instrument Used : DA-ICPMS-003 Analyzed Date : 05/11/23 17:43:37						Reviewed On : 05/12/23 10:57:33 Batch Date : 05/11/23 09:25:51					
Dilution : 50 Reagent : 050923.R24; 042623.R82; 050523.R44; 051123.R01; 050523.R42; 050523.R43; 050423.R32; 050923.01; 042523.R20 Consumables : 179436; 210508058; 12628-309CC-309 Pipette : DA-061; DA-191; DA-216											

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.



4131 SW 47th AVENUE SUITE 1408  
DAVIE, FL, 33314, US  
(954) 368-7664

Kaycha Labs

Lane Splitter 0.5g Pre-Roll Multi Pack

Lane Splitter

Matrix : Flower

Type: Preroll



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**Filth/Foreign  
Material**

**PASSED**



**Moisture**

**PASSED**

Analyte	LOD	Units	Result	P/F	Action Level	Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	0.1	%	ND	PASS	1	Moisture Content	1	%	9.22	PASS	15
Analyzed by: 1879, 4044	Weight: NA	Extraction date: N/A	Extracted by: N/A			Analyzed by: 2926, 585, 4044	Weight: 0.499g	Extraction date: 05/11/23 14:07:43	Extracted by: 2926		
Analysis Method : SOP.T.40.090						Analysis Method : SOP.T.40.021					
Analytical Batch : DA060142FIL						Analytical Batch : DA060062MOI					
Instrument Used : Filth/Foreign Material Microscope						Instrument Used : DA-003 Moisture Analyzer					
Analyzed Date : 05/12/23 23:34:11						Analyzed Date : 05/11/23 12:43:34					
Dilution : N/A						Dilution : N/A					
Reagent : N/A						Reagent : 101920.06; 020123.02					
Consumables : N/A						Consumables : PS-14					
Pipette : N/A						Pipette : DA-066					

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

Moisture Content analysis utilizing loss-on-drying technology in accordance with F.S. Rule 64ER20-39.



**Water Activity**

**PASSED**

Analyte	LOD	Units	Result	P/F	Action Level
Water Activity	0.01	aw	0.586	PASS	0.65
Analyzed by: 2926, 585, 4044	Weight: 0.994g	Extraction date: 05/11/23 12:31:14	Extracted by: 2926		
Analysis Method : SOP.T.40.019					
Analytical Batch : DA060000WAT					
Instrument Used : DA-028 Rotronic HygroPalm					
Analyzed Date : 05/10/23 11:53:16					
Dilution : N/A					
Reagent : 100522.09					
Consumables : PS-14					
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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**Jorge Segredo**  
Lab Director

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

Signature  
05/13/23