



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample: DA30210005-009  
Harvest/Lot ID: SA-TIR-112922-A086  
Batch#: 5889 5758 8976 2255  
Cultivation Facility: Tampa Cultivation  
Processing Facility: Tampa Processing  
Distributor Facility:  
Source Facility: Tampa Cultivation  
Seed to Sale# 9694 7686 1673 5582  
Batch Date: 11/23/22  
Sample Size Received: 27 gram  
Total Amount: 1867 units  
Retail Product Size: 1.5 gram  
Ordered: 02/09/23  
Sampled: 02/09/23  
Completed: 02/13/23  
Sampling Method: SOP.T.20.010

Feb 13, 2023 | FLUENT  
82 NE 26th street  
Miami, FL, 33137, US



**PASSED**

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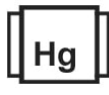
### PRODUCT IMAGE



### 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

**13.238%**

Total THC/Container : 198.57 mg



Total CBD

**0.049%**

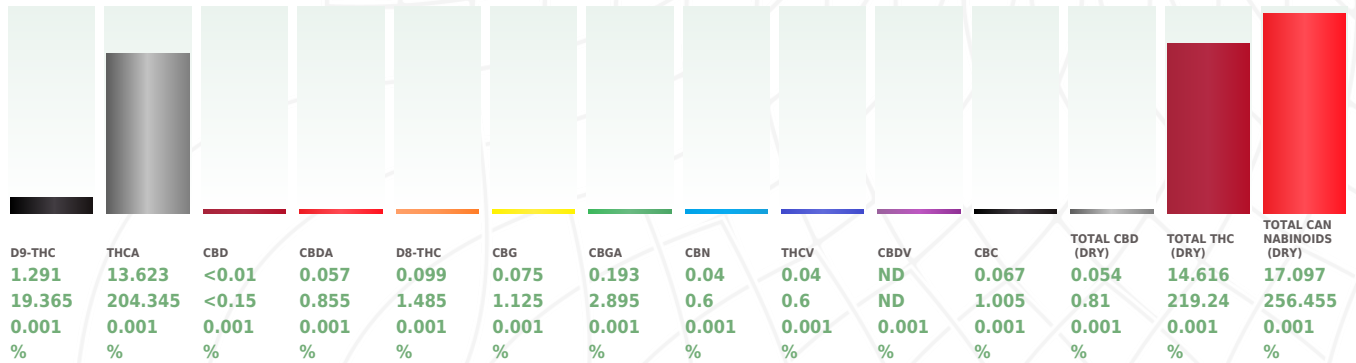
Total CBD/Container : 0.735 mg



Total Cannabinoids

**15.485%**

Total Cannabinoids/Container : 232.275 mg



Analyzed by:  
1665, 3605, 1440

Weight:  
0.2053g

Extraction date:  
02/10/23 10:22:40

Extracted by:  
1665

Analysis Method : SOP.T.40.031, SOP.T.30.031  
Analytical Batch : DA055934POT  
Instrument Used : DA-LC-002  
Running on : 02/10/23 10:25:28

Reviewed On : 02/11/23 17:37:32  
Batch Date : 02/10/23 09:08:15

Dilution : 400  
Reagent : 020723.R05; 071222.01; 020723.R06  
Consumables : 239146; 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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FLUENT

82 NE 26th street  
Miami, FL, 33137, US  
Telephone: (305) 900-6266  
Email: Taylor.Jones@getfluent.com

Sample : DA30210005-009  
Harvest/Lot ID: SA-TIR-112922-A086

Batch# : 5889 5758 8976 Sample Size Received : 27 gram  
2255 Total Amount : 1867 units  
Sampled : 02/09/23 Completed : 02/13/23 Expires: 02/13/24  
Ordered : 02/09/23 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	2.175	0.145		ALPHA-HUMULENE	0.007	0.3	0.02	
TOTAL TERPINEOL	0.007	<0.3	<0.02		VALENCENE	0.007	ND	ND	
ALPHA-PINENE	0.007	<0.3	<0.02		CIS-NEROLIDOL	0.007	ND	ND	
CAMPHENE	0.007	ND	ND		TRANS-NEROLIDOL	0.007	<0.3	<0.02	
SABINENE	0.007	ND	ND		CARYOPHYLLENE OXIDE	0.007	<0.3	<0.02	
BETA-PINENE	0.007	<0.3	<0.02		GUAIOL	0.007	ND	ND	
BETA-MYRCENE	0.007	<0.3	<0.02		CEDROL	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	ND	ND		ALPHA-BISABOLOL	0.007	0.72	0.048	
3-CARENE	0.007	ND	ND		<div>Analyzed by: 2076, 53, 1440Weight: 0.9519gExtraction date: 02/10/23 11:22:40Extracted by: 2076</div>				
ALPHA-TERPINENE	0.007	ND	ND		<div>Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : DA055948TER Instrument Used : DA-GCMS-004 Running on : 02/13/23 07:54:34</div>				
LIMONENE	0.007	<0.3	<0.02		<div>Reviewed On : 02/13/23 12:06:20 Batch Date : 02/10/23 09:55:11</div>				
EUCALYPTOL	0.007	ND	ND		<div>Dilution : 10 Reagent : 120722.10</div>				
OCIMENE	0.007	ND	ND		<div>Consumables : 210414634; MKCN9995; CE0123; R1KB14270 Pipette : N/A</div>				
GAMMA-TERPINENE	0.007	ND	ND		Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry.				
SABINENE HYDRATE	0.007	<0.3	<0.02						
TERPINOLENE	0.007	<0.3	<0.02						
FENCHONE	0.007	<0.3	<0.02						
LINALOOL	0.007	0.45	0.03						
FENCHYL ALCOHOL	0.007	<0.3	<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	ND	ND						
NEROL	0.007	ND	ND						
PULEGONE	0.007	ND	ND						
GERANIOL	0.007	<0.3	<0.02						
GERANYL ACETATE	0.007	ND	ND						
ALPHA-CEDRENE	0.007	<0.3	<0.02						
BETA-CARYOPHYLLENE	0.007	0.645	0.043						
FARNESENE	0	0.06	0.004						
Total (%)			0.145						



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**Sample :** DA30210005-009  
**Harvest/Lot ID:** SA-TIR-112922-A086

**Batch# :** 5889 5758 8976 **Sample Size Received :** 27 gram  
 2255 **Total Amount :** 1867 units  
**Sampled :** 02/09/23 **Completed :** 02/13/23 **Expires:** 02/13/24  
**Ordered :** 02/09/23 **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
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	<div>Analyzed by: 585, 3379, 53, 1440Weight: 0.9531gExtraction date: 02/10/23 12:29:31Extracted by: 585</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 : DA055941PESReviewed On : 02/13/23 11:49:19</div> <div>Instrument Used : DA-LCMS-003 (PES)Batch Date : 02/10/23 09:42:14</div> <div>Running on : 02/10/23 12:31:16</div> <div>Dilution : 250</div> <div>Reagent : 020623.R01; 020723.R08; 020923.R01; 012423.R21; 020823.R01; 040521.11</div> <div>Consumables : 6697075-02</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>					
DIAZINON	0.01	ppm	0.1	PASS	ND						
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	<div>Analyzed by: 450, 53, 1440Weight: 0.9531gExtraction date: 02/10/23 12:29:31Extracted by: 585</div> <div>Analysis Method : SOP.T.30.151.FL (Gainesville), SOP.T.30.151A.FL (Davie), SOP.T.40.151.FL</div> <div>Analytical Batch : DA055947VOLReviewed On : 02/13/23 11:44:42</div> <div>Instrument Used : DA-GCMS-001Batch Date : 02/10/23 09:53:46</div> <div>Running on : 02/10/23 14:24:14</div> <div>Dilution : 250</div> <div>Reagent : 020923.R01; 040521.11; 020223.R55; 020223.R56</div> <div>Consumables : 6697075-02; 14725401</div> <div>Pipette : DA-080; DA-146; DA-218</div> <div>Testing for agricultural agents is performed utilizing Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.</div>					
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						





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
**PASSED**
**FLUENT**

 82 NE 26th street  
 Miami, FL, 33137, US  
**Telephone:** (305) 900-6266  
**Email:** Taylor.Jones@getfluent.com

**Sample :** DA30210005-009  
**Harvest/Lot ID:** SA-TIR-112922-A086

**Batch# :** 5889 5758 8976 **Sample Size Received :** 27 gram  
 2255 **Total Amount :** 1867 units  
**Sampled :** 02/09/23 **Completed :** 02/13/23 **Expires:** 02/13/24  
**Ordered :** 02/09/23 **Sample Method :** SOP.T.20.010

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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																																				
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: 585, 3379, 53, 1440	Weight: 0.9531g	Extraction date: 02/10/23 12:29:31	Extracted by: 585																																						
Analyzed by: 3336, 3390, 53, 1440 Weight: 1.0335g Extraction date: 02/10/23 10:19:24 Extracted by: 3621,3336 Analysis Method : SOP.T.40.056C, SOP.T.40.058.FL, SOP.T.40.209.FL Analytical Batch : DA055931MIC Instrument Used : DA-265 Gene-UP RTPCR Running on : 02/10/23 11:47:57 Dilution : N/A Reagent : 012423.R27; 020823.R54 Consumables : 500124 Pipette : N/A						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 : DA055946MYC Instrument Used : DA-LCMS-003 (MYC) Running on : 02/10/23 12:31:09 Dilution : 250 Reagent : 020623.R01; 020723.R08; 020923.R01; 012423.R21; 020823.R01; 040521.11 Consumables : 6697075-02 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.																																									
Analyzed by: 3621, 3702, 53, 1440 Weight: 1.0418g Extraction date: 02/10/23 10:26:53 Extracted by: 3621,3336,3390 Analysis Method : SOP.T.40.208 (Gainesville), SOP.T.40.209.FL Analytical Batch : DA055949TYM Instrument Used : Incubator (25-27C) DA-096 Running on : 02/10/23 11:07:00 Dilution : 10 Reagent : 110822.20; 013123.R21 Consumables : N/A Pipette : N/A 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> <table><tr><th>Metal</th><th>LOD</th><th>Units</th><th>Result</th><th>Pass / Fail</th><th>Action Level</th></tr><tr><td>TOTAL CONTAMINANT LOAD METALS</td><td>0.11</td><td>ppm</td><td>ND</td><td>PASS</td><td>1.1</td></tr><tr><td>ARSENIC</td><td>0.02</td><td>ppm</td><td>&lt;0.1</td><td>PASS</td><td>0.2</td></tr><tr><td>CADMIUM</td><td>0.02</td><td>ppm</td><td>ND</td><td>PASS</td><td>0.2</td></tr><tr><td>MERCURY</td><td>0.02</td><td>ppm</td><td>ND</td><td>PASS</td><td>0.2</td></tr><tr><td>LEAD</td><td>0.05</td><td>ppm</td><td>ND</td><td>PASS</td><td>0.5</td></tr></table>						Metal	LOD	Units	Result	Pass / Fail	Action Level	TOTAL CONTAMINANT LOAD METALS	0.11	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	0.05	ppm	ND	PASS	0.5
Metal	LOD	Units	Result	Pass / Fail	Action Level																																										
TOTAL CONTAMINANT LOAD METALS	0.11	ppm	ND	PASS	1.1																																										
ARSENIC	0.02	ppm	<0.1	PASS	0.2																																										
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MERCURY	0.02	ppm	ND	PASS	0.2																																										
LEAD	0.05	ppm	ND	PASS	0.5																																										



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**Sample :** DA30210005-009  
**Harvest/Lot ID:** SA-TIR-112922-A086

**Batch# :** 5889 5758 8976 **Sample Size Received :** 27 gram  
**2255** **Total Amount :** 1867 units  
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**Ordered :** 02/09/23 **Sample Method :** SOP.T.20.010

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**Filth/Foreign Material**
**PASSED**

**Moisture**
**PASSED**

Analyte	LOD	Units	Result	P/F	Action Level
<b>Filth and Foreign Material</b>	0.5	%	ND	<b>PASS</b>	1

<b>Analyzed by:</b> 1879, 1440	<b>Weight:</b> NA	<b>Extraction date:</b> N/A	<b>Extracted by:</b> N/A
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**Analysis Method :** SOP.T.40.090  
**Analytical Batch :** DA056017FIL  
**Instrument Used :** Filth/Foreign Material Microscope  
**Running on :** 02/12/23 22:24:12

**Reviewed On :** 02/12/23 22:37:31  
**Batch Date :** 02/12/23 22:21:28

**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
<b>Water Activity</b>	0.1	aw	0.466	<b>PASS</b>	0.65

<b>Analyzed by:</b> 3807, 2926, 53, 1440	<b>Weight:</b> 0.69g	<b>Extraction date:</b> 02/10/23 11:13:42	<b>Extracted by:</b> 2926
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**Analysis Method :** SOP.T.40.019  
**Analytical Batch :** DA055943WAT  
**Instrument Used :** DA-028 Rotronic HygroPalm  
**Running on :** 02/10/23 10:06:55

**Reviewed On :** 02/10/23 13:37:49  
**Batch Date :** 02/10/23 09:43:08

**Dilution :** N/A  
**Reagent :** 100522.07  
**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.

Analyte	LOD	Units	Result	P/F	Action Level
<b>Moisture Content</b>	1	%	9.43	<b>PASS</b>	15

<b>Analyzed by:</b> 2926, 53, 1440	<b>Weight:</b> 0.489g	<b>Extraction date:</b> 02/10/23 12:01:01	<b>Extracted by:</b> 2926
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**Analysis Method :** SOP.T.40.021  
**Analytical Batch :** DA055938MOI  
**Instrument Used :** DA-003 Moisture Analyzer  
**Running on :** 02/10/23 11:48:02

**Reviewed On :** 02/10/23 13:35:01  
**Batch Date :** 02/10/23 09:38:54

**Dilution :** N/A  
**Reagent :** 101920.06; 020123.02  
**Consumables :** N/A  
**Pipette :** DA-066

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