

**GTI**

Order No.: ONYGTINY0530-0006783  
 85 John Hicks Drive  
 New York, 10990  
 cole.miller@gtigrows.com  
 6147380382

**Sample: SNYGTINY0530-PFCU-0015623**

Strain: Lemon Fresh, Unit Weight: 14.0000g  
 Batch#: 20250508LF-QC14-1, Batch Size: 100  
 Sample Received: 05/30/2025 13:19  
 Report Created: 06/04/2025 13:17  
 Sampling SOP 204-NY

**Lemon Fresh Queen Cola 14g - Rythm (Sativa Dominant)**  
 Plant, Flower - Cured



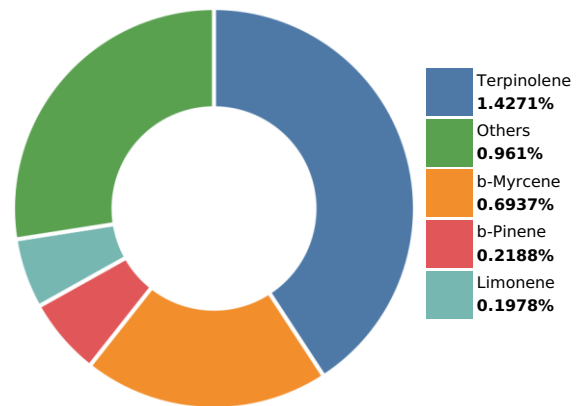
**Results**

<b>118.03 mg/dose</b> THCa	<b>4.20 mg/dose</b> CBGa
<b>ND</b> Total CBD	<b>105.82 mg/dose</b> Total THC
<b>124.54 mg/dose</b> Total Cannabinoids	<b>3.498%</b> Total Terpenes

**Tests Summary**

<b>Cannabinoids</b> Tested	<b>Moisture</b> Pass	<b>Microbials</b> Pass
<b>Water Activity</b> Pass	<b>Foreign Matter</b> Pass	<b>Homogeneity</b> Not Tested
<b>Terpenes</b> Pass	<b>Residual Solvents</b> Not Tested	<b>Mycotoxins</b> Pass
<b>Heavy Metals</b> Pass	<b>Pesticides</b> Pass	

**Dominant Terpenes**





# Certificate of Analysis

Amended

OCM-CPL-2022-00001  
ACT Laboratories (NY)  
16 Corporate Drive, Halfmoon, New York  
5172272612  
kimberlyk@actlab.com

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Plant, Flower - Cured



## Cannabinoids

SOP 801-NY

Date/Time Tested: 05/31/2025

17:12

Tested

Analyte	LOQ (ug/mL)	%	mg/g	mg/dose	mg/unit
CBDV	2,111.36	ND	ND	ND	ND
CBDa	2,117.06	< LOQ	< LOQ	< LOQ	< LOQ
CBGa	2,111.36	<b>1.20</b>	<b>12.01</b>	<b>4.20</b>	<b>168.09</b>
CBG	2,111.36	< LOQ	< LOQ	< LOQ	< LOQ
CBD	2,226.10	ND	ND	ND	ND
THCV	2,226.10	ND	ND	ND	ND
CBN	2,226.10	ND	ND	ND	ND
D9-THC	2,117.06	<b>0.66</b>	<b>6.58</b>	<b>2.30</b>	<b>92.13</b>
D8-THC	2,117.06	ND	ND	ND	ND
(6aR,9S)-d10-THC	2,226.10	ND	ND	ND	ND
(6aR,9R)-d10-THC	2,226.10	ND	ND	ND	ND
CBC	2,226.10	ND	ND	ND	ND
THCa	2,226.10	<b>33.72</b>	<b>337.24</b>	<b>118.03</b>	<b>4,721.29</b>
Total CBD		ND	ND	ND	ND
Total THC		<b>30.23</b>	<b>302.34</b>	<b>105.82</b>	<b>4,232.71</b>
Total Cannabinoids		<b>35.58</b>	<b>355.82</b>	<b>124.54</b>	<b>4,981.51</b>

### Notes:

Total THC = THCa \* 0.877 + Δ8-THC + Δ9-THC + (6aR,9S)-d10-THC + (6aR,9R)-d10-THC  
Total CBD = CBDa \* 0.877 + CBDTotal  
Cannabinoids= Sum of all cannabinoids  
LOQ = Limit of Quantitation;  
The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. OCMPPCL-2022-00001. Cannabinoid potency values for flower type products are reported by percentage of dry weight determined via loss on drying; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. All results were generated by ISO certified methods to full state testing requirements. ND = Not Detected; NT = Not Tested; NR = Not Reported

## Moisture

SOP 205-NY

Date/Time Tested: 06/03/2025

10:59

Pass

Analyte	Limit (%)	%	Status
Moisture	15	<b>11.4</b>	Passed

## Microbials

SOP 401-NY SOP 418-NY

Date/Time Tested: 05/30/2025

18:19

Pass

Analyte	LOQ (CFU/g)	Limit (CFU/g)	CFU/g	Status
Aerobic Bacteria	1,000	100,000	ND	Passed
E. Coli		0	ND	Passed
Yeast & Mold	100	10,000	ND	Passed
Salmonella		0	ND	Passed
Aspergillus Flavus		0	ND	Passed
Aspergillus Fumigatus		0	ND	Passed
Aspergillus Niger		0	ND	Passed
Aspergillus Terreus		0	ND	Passed

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## Water Activity

SOP 206-NY

Date/Time Tested: 06/03/2025

13:21

Pass

Analyte	Limit (aw)	aw	Status
Water Activity	0.65	<b>0.57</b>	Passed

## Foreign Matter

SOP 203-NY

Date/Time Tested: 06/03/2025

11:41

Pass

Analyte	%
FM Stems	0
FM Other	0
FM Mammal Excrement	Absent



Kimberly Krisolofsky  
Lead Technical Director

Amended Note: Rev01: Updated batch size

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Sampling SOP 204-NY

Lemon Fresh Queen Cola 14g - Rythm (Sativa Dominant)  
Plant, Flower - Cured



## Terpenes

SOP 620-NY  
Date/Time Tested: 05/31/2025 12:51

Pass

Analyte	LOQ (ug/mL)	Limit (ug/mL)	%	Status	Analyte	LOQ (ug/mL)	Limit (ug/mL)	%	Status
Total Terpenes		115,000	<b>3.4984</b>	Passed	cis-Nerolidol	88		<b>0.0130</b>	Tested
Terpinolene	88		<b>1.4271</b>	Tested	Sabinene Hydrate	88		<b>0.0105</b>	Tested
b-Myrcene	88		<b>0.6937</b>	Tested	Camphene	88		< LOQ	Tested
b-Pinene	88		<b>0.2188</b>	Tested	Nerol	88		ND	Tested
Limonene	88		<b>0.1978</b>	Tested	Pulegone	88		ND	Tested
Linalool	88		<b>0.1496</b>	Tested	Geraniol	88		ND	Tested
a-Pinene	88		<b>0.1367</b>	Tested	Geranyl Acetate	88		ND	Tested
b-Caryophyllene	88		<b>0.1333</b>	Tested	a-Cedrene	88		ND	Tested
d-3-Carene	88		<b>0.0732</b>	Tested	Borneol	88		< LOQ	Tested
trans-b-Farnesene	88		<b>0.0696</b>	Tested	DL-Menthol	88		ND	Tested
a-Phellandrene	88		<b>0.0599</b>	Tested	Valencene	88		ND	Tested
Terpineol	88		<b>0.0583</b>	Tested	Isoborneol	88		ND	Tested
Guaiol	88		<b>0.0580</b>	Tested	Camphor	88		ND	Tested
a-Humulene	88		<b>0.0498</b>	Tested	Isopulegol	88		ND	Tested
g-Terpinene	88		<b>0.0314</b>	Tested	Caryophyllene Oxide	88		< LOQ	Tested
a-Terpinene	88		<b>0.0304</b>	Tested	Cedrol	88		ND	Tested
Fenchol	88		<b>0.0244</b>	Tested	a-Bisabolol	88		ND	Tested
trans-Nerolidol	88		<b>0.0223</b>	Tested	Fenchone	88		ND	Tested
Sabinene	88		<b>0.0216</b>	Tested	Eucalyptol	88		< LOQ	Tested
trans-b-Ocimene	88		<b>0.0190</b>	Tested	p-Cymene	88		< LOQ	Tested

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Sampling SOP 204-NY

## Lemon Fresh Queen Cola 14g - Rythm (Sativa Dominant)

Plant, Flower - Cured



## Mycotoxins

SOP 808-NY

Date/Time Tested: 05/31/2025 12:25

Pass

Analyte	LOQ (ng/g)	Limit (ng/g)	ng/g	Status
B1	4.7		ND	Tested
B2	4.7		ND	Tested
G1	4.7		ND	Tested
G2	4.7		ND	Tested
Ochratoxin A	4.7	20.0	ND	Passed
Total Aflatoxins		20.0	ND	Passed
Total Mycotoxins			ND	Tested

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## Heavy Metals

SOP 250-NY

Date/Time Tested: 06/02/2025 10:49

Pass

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
Antimony	0.184	2.000	ND	Passed
Arsenic	0.184	0.200	ND	Passed
Cadmium	0.184	0.200	ND	Passed
Chromium	0.184	110.000	ND	Passed
Copper	0.221	30.000	3.625	Passed
Mercury	0.044	0.100	ND	Passed
Nickel	0.221	2.000	< LOQ	Passed
Lead	0.184	0.500	ND	Passed

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Plant, Flower - Cured



## Pesticides

SOP 814-NY  
Date/Time Tested: 05/31/2025 11:04

Pass

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
Abamectin	0.37	0.50	ND	Passed
Acephate	0.09	0.40	ND	Passed
Acequinocyl	0.09	2.00	ND	Passed
Acetamiprid	0.09	0.20	ND	Passed
Aldicarb	0.09	0.40	ND	Passed
Azoxystrobin	0.09	0.20	ND	Passed
Bifenazate	0.09	0.20	ND	Passed
Bifenthrin	0.09	0.20	ND	Passed
Boscalid	0.09	0.40	ND	Passed
Carbaryl	0.09	0.20	ND	Passed
Carbofuran	0.09	0.20	ND	Passed
Chlorantraniliprole	0.09	0.20	ND	Passed
Chlorpyrifos	0.09	0.20	ND	Passed
Clofentezine	0.09	0.20	ND	Passed
Coumaphos	0.09	1.00	ND	Passed
Cyfluthrin	0.47	1.00	ND	Passed
Cypermethrin	0.09	1.00	ND	Passed
Daminozide	0.09	1.00	ND	Passed
Diazinon	0.09	0.20	ND	Passed
Dichlorvos	0.09	1.00	ND	Passed
Dimethoate	0.09	0.20	ND	Passed
Dimethomorph	0.09	1.00	ND	Passed
Ethoprophos	0.09	0.20	ND	Passed
Etofenprox	0.09	0.40	ND	Passed
Etoxazole	0.09	0.20	ND	Passed
Fenhexamid	0.09	1.00	ND	Passed
Fenoxycarb	0.09	0.20	ND	Passed
Fenpyroximate	0.09	0.40	ND	Passed
Fipronil	0.09	0.40	ND	Passed
Flonicamid	0.09	1.00	ND	Passed
Fludioxonil	0.09	0.40	ND	Passed
Hexythiazox	0.09	1.00	ND	Passed
Imazalil	0.09	0.20	ND	Passed
Imidacloprid	0.09	0.40	ND	Passed
Indole-3 Butyric Acid	0.12	1.00	ND	Passed
Kresoxim Methyl	0.09	0.40	ND	Passed
Malathion	0.09	0.20	ND	Passed
Mevinphos	0.09	1.00	ND	Passed
Metalaxyl	0.09	0.20	ND	Passed
Methiocarb	0.09	0.20	ND	Passed
Methomyl	0.09	0.40	ND	Passed



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Plant, Flower - Cured



Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
MGK-264	0.01	0.20	ND	Passed
Myclobutanil	0.09	0.20	ND	Passed
Naled	0.09	0.50	ND	Passed
Oxamyl	0.09	1.00	ND	Passed
Paclobutrazol	0.09	0.40	ND	Passed
Permethrin	0.09	0.20	ND	Passed
Phosmet	0.09	0.20	ND	Passed
Piperonyl Butoxide	0.09	2.00	ND	Passed
Prallethrin	0.09	0.20	ND	Passed
Propiconazole	0.09	0.40	ND	Passed
Propoxur	0.09	0.20	ND	Passed
Pyrethrins	0.07	1.00	ND	Passed
Pyridaben	0.09	0.20	ND	Passed
Spinetoram	0.09	1.00	ND	Passed
Spinosyn AD	0.09	0.20	ND	Passed
Spiromesifen	0.09	0.20	ND	Passed
Spirotetramat	0.09	0.20	ND	Passed
Spiroxamine	0.09	0.20	ND	Passed
Tebuconazole	0.09	0.40	ND	Passed
Thiacloprid	0.09	0.20	ND	Passed
Thiamethoxam	0.09	0.20	ND	Passed
Trifloxystrobin	0.09	0.20	ND	Passed
Captan		1.00	TIC	Passed
Methyl Parathion	0.09	0.20	ND	Passed
Chlordane	0.09	1.00	ND	Passed
Chlorfenapyr	0.09	1.00	ND	Passed
PCNB	0.09	1.00	ND	Passed
Azadirachtin	0.12	1.00	ND	Passed
Chlormequat Chloride	0.02	1.00	ND	Passed

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