

**Gen V**  
 4473 Cherry Valley Turnpike  
 New York, 13084  
 caitlinb@ayrloom.com  
 6072833623

**Sample: SNYGVL0510-ISOC-0008364**  
 Strain: Orchard Sunrise, Unit Weight: 4.0000g  
 Batch#: 050225 - G0380, Batch Size: 4188  
 Sample Received: 05/10/2024 12:12  
 Report Created: 05/17/2024 12:56  
 Sampling SOP 204-NY

**Ayrloom Orchard Sunrise**  
 Ingestible, Soft Chew



## Results

<b>0.25%</b> D9-THC	<b>0.12%</b> CBG
<b>ND</b> Total CBD	<b>0.25%</b> Total THC
<b>0.38%</b> Total Cannabinoids	<b>0%</b> Total Terpenes

## Tests Summary

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

## Dominant Terpenes

No terpenes detected

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## Cannabinoids

SOP 801-NY  
 Date/Time Tested: 05/13/2024 15:08

Tested

Analyte	LOQ (ug/mL)	mg/g	%	mg/dose
CBDV	28.36	ND	ND	ND
CBDa	28.36	ND	ND	ND
CBGa	28.36	ND	ND	ND
CBG	28.36	1.24	0.12	4.95
CBD	28.36	ND	ND	ND
THCV	28.36	ND	ND	ND
CBN	28.36	0.03	0.00	0.13
CBNa	28.36	ND	ND	ND
D9-THC	28.36	2.53	0.25	10.10
D8-THC	28.36	ND	ND	ND
(6aR,9S)-d10-THC	28.36	ND	ND	ND
(6aR,9R)-d10-THC	28.36	ND	ND	ND
CBC	28.36	< LOQ	< LOQ	< LOQ
THCa	28.36	ND	ND	ND
Total CBD		ND	ND	ND
Total THC		2.53	0.25	10.1
Total Cannabinoids		3.79	0.38	15.18

### Notes:

**Total THC = THCa \* 0.877 + Δ8-THC + Δ9-THC + (6aR,9S)-d10-THC + (6aR,9R)-d10-THC**  
**Total CBD = CBDa \* 0.877 + CBD**  
**Total 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**




**Kimberly Krisolofsky**  
 Lead Technical Director

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## Terpenes

SOP 620-NY

Date/Time Tested: 05/13/2024 12:09

Tested

Analyte	LOQ (ug/mL)	%
Total Terpenes		ND
a-Pinene	166	ND
Camphene	166	ND
Sabinene	166	ND
b-Pinene	166	ND
b-Myrcene	166	ND
a-Phellandrene	166	ND
d-3-Carene	166	ND
a-Terpinene	166	ND
Limonene	166	ND
Eucalyptol	166	ND
g-Terpinene	166	ND
Terpinolene	166	ND
Fenchol	166	ND
Sabinene Hydrate	166	ND
Linalool	166	ND
Fenchone	166	ND
Isopulegol	166	ND
Camphor	166	ND
Isoborneol	166	ND
DL-Menthol	166	ND
Borneol	166	ND
Terpineol	166	ND
Nerol	166	ND
Pulegone	166	ND
Geraniol	166	ND
Geranyl Acetate	166	ND
a-Cedrene	166	ND
b-Caryophyllene	166	ND
a-Humulene	166	ND
Valencene	166	ND
cis-Nerolidol	166	ND
trans-Nerolidol	166	ND
Guaiol	166	ND
Caryophyllene Oxide	166	ND
Cedrol	166	ND
a-Bisabolol	166	ND




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Analyte	LOQ (ug/mL)	%
trans-b-Ocimene	166	ND
trans-b-Farnesene	166	ND
p-Cymene	166	ND

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## Microbials

SOP 401-NY SOP 619-NY  
Date/Time Tested: 05/15/2024 15:04

Pass

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

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## Heavy Metals

SOP 250-NY  
 Date/Time Tested: 05/14/2024 13:06

Pass

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
Antimony	0.177	120.000	ND	Passed
Arsenic	0.177	1.500	ND	Passed
Cadmium	0.177	0.500	ND	Passed
Chromium	0.177	1,100.000	< LOQ	Passed
Copper	0.213	300.000	<b>0.598</b>	Passed
Mercury	0.043	3.000	ND	Passed
Nickel	0.213	20.000	ND	Passed
Lead	0.177	0.500	ND	Passed

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## Water Activity

Date/Time Tested: 05/15/2024 11:22

Pass

Analyte	Limit (aw)	aw	Status
Water Activity	0.85	0.73	Passed

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## Residual Solvents

SOP 612-NY  
 Date/Time Tested: 05/12/2024 15:30

Pass

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
1,2-Dichloroethane	2	5	ND	Passed
Acetone	44	5,000	ND	Passed
Acetonitrile	18	410	ND	Passed
Benzene	2	2	ND	Passed
Butane	44	5,000	ND	Passed
Chloroform	2	60	ND	Passed
Ethanol	219	5,000	<b>685.8</b>	Passed
Ethyl Acetate	219	5,000	ND	Passed
Ethyl Ether	22	5,000	ND	Passed
DMSO		5,000	TIC	Passed
Heptane	22	5,000	ND	Passed
Hexanes	7	290	ND	Passed
Isopropyl Alcohol	219	5,000	ND	Passed
Methanol	131	3,000	< LOQ	Passed
Methylene Chloride	3	600	ND	Passed
Pentanes	66	5,000	ND	Passed
Propane	22	5,000	ND	Passed
Toluene	4	890	ND	Passed
Trichloroethane		1,500	TIC	Passed
Xylenes	289	2,170	ND	Passed

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## Mycotoxins

SOP 808-NY

Date/Time Tested: 05/14/2024 03:57

Pass

Analyte	LOQ (ng/g)	Limit (ng/g)	ng/g	Status
B1	4.8		ND	Tested
B2	4.8		ND	Tested
G1	4.8		ND	Tested
G2	4.8		ND	Tested
Ochratoxin A	4.8	20.0	ND	Passed
Total Aflatoxins		20.0	ND	Passed
Total Mycotoxins			ND	Tested

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## Pesticides

SOP 814-NY  
 Date/Time Tested: 05/13/2024 15:36

Pass

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
Abamectin	0.37	0.50	ND	Passed
Acephate	0.10	0.40	ND	Passed
Acequinocyl	0.10	2.00	ND	Passed
Acetamiprid	0.10	0.20	ND	Passed
Aldicarb	0.10	0.40	ND	Passed
Azoxystrobin	0.10	0.20	ND	Passed
Bifenazate	0.10	0.20	ND	Passed
Bifenthrin	0.10	0.20	ND	Passed
Boscalid	0.10	0.40	ND	Passed
Carbaryl	0.10	0.20	ND	Passed
Carbofuran	0.10	0.20	ND	Passed
Chlorantraniliprole	0.10	0.20	ND	Passed
Chlorpyrifos	0.10	0.20	ND	Passed
Clofentezine	0.10	0.20	ND	Passed
Coumaphos	0.10	1.00	ND	Passed
Cyfluthrin	0.48	1.00	ND	Passed
Cypermethrin	0.10	1.00	ND	Passed
Daminozide	0.10	1.00	ND	Passed
Diazinon	0.10	0.20	ND	Passed
Dichlorvos	0.10	1.00	ND	Passed
Dimethoate	0.10	0.20	ND	Passed
Dimethomorph	0.10	1.00	ND	Passed
Ethoprophos	0.10	0.20	ND	Passed
Etofenprox	0.10	0.40	ND	Passed
Etoxazole	0.10	0.20	ND	Passed
Fenhexamid	0.10	1.00	ND	Passed
Fenoxycarb	0.10	0.20	ND	Passed
Fenpyroximate	0.10	0.40	ND	Passed
Fipronil	0.10	0.40	ND	Passed
Flonicamid	0.10	1.00	ND	Passed
Fludioxonil	0.10	0.40	ND	Passed
Hexythiazox	0.10	1.00	ND	Passed
Imazalil	0.10	0.20	ND	Passed
Imidacloprid	0.10	0.40	ND	Passed
Indole-3 Butyric Acid		1.00	TIC	Passed
Kresoxim Methyl	0.10	0.40	ND	Passed
Malathion	0.10	0.20	ND	Passed



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Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
Mevinphos	0.10	1.00	ND	Passed
Metalaxyl	0.10	0.20	ND	Passed
Methiocarb	0.10	0.20	ND	Passed
Methomyl	0.10	0.40	ND	Passed
MGK-264		0.20	TIC	Passed
Myclobutanil	0.10	0.20	ND	Passed
Naled	0.10	0.50	ND	Passed
Oxamyl	0.10	1.00	ND	Passed
Paclobutrazol	0.10	0.40	ND	Passed
Permethrin	0.10	0.20	ND	Passed
Phosmet	0.10	0.20	ND	Passed
Piperonyl Butoxide	0.10	2.00	ND	Passed
Prallethrin	0.10	0.20	ND	Passed
Propiconazole	0.10	0.40	ND	Passed
Propoxur	0.10	0.20	ND	Passed
Pyrethrins	0.07	1.00	ND	Passed
Pyridaben	0.10	0.20	ND	Passed
Spinetoram	0.10	1.00	ND	Passed
Spinosyn AD	0.10	0.20	ND	Passed
Spiromesifen	0.10	0.20	ND	Passed
Spirotetramat	0.10	0.20	ND	Passed
Spiroxamine	0.10	0.20	ND	Passed
Tebuconazole	0.10	0.40	ND	Passed
Thiacloprid	0.10	0.20	ND	Passed
Thiamethoxam	0.10	0.20	ND	Passed
Trifloxystrobin	0.10	0.20	ND	Passed
Captan		1.00	TIC	Passed
Methyl Parathion	0.10	0.20	ND	Passed
Chlordane	0.10	1.00	ND	Passed
Chlorfenapyr	0.10	1.00	ND	Passed
PCNB	0.10	1.00	ND	Passed
Azadirachtin		1.00	ND	Passed
Chlormequat Chloride		1.00	TIC	Passed

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