

## Gen V

Order No.: ONYGVL1024-0003148  
4473 Cherry Valley Turnpike  
New York, 13084  
info@ayrloom.com  
3157077760

## Sample: SNYGVL1024-IGUM-0010537

Strain: Orchard Sunrise  
Batch#: 101625 - G0498, Batch Size: 769  
Sample Received: 10/24/2024 01:43  
Report Created: 10/28/2024 21:50  
Sampling SOP 204-NY

Ayrloom 10mg Orchard Sunrise  
Ingestible, Gummy



## Results

<b>9.880 mg/dose</b> D9-THC	<b>5.150 mg/dose</b> CBG
<b>0.18 mg/dose</b> Total CBD	<b>9.88 mg/dose</b> Total THC
<b>15.43 mg/dose</b> Total Cannabinoids	<b>0%</b> Total Terpenes

## Tests Summary

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

## Dominant Terpenes

No terpenes detected



# Certificate of Analysis

OCM-CPL-2022-00001  
ACT Laboratories (NY)  
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5172272612  
kimberlyk@actlab.com

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## Cannabinoids

SOP 801-NY  
Date/Time Tested: 10/26/2024  
17:29

Tested

Analyte	LOQ (ug/mL)	mg/g	%	mg/dose
CBDV	29.15	ND	ND	ND
CBDa	29.15	ND	ND	ND
CBGa	29.15	ND	ND	ND
CBG	29.15	<b>1.29</b>	<b>0.13</b>	<b>5.15</b>
CBD	29.15	<b>0.04</b>	0.00	<b>0.18</b>
THCV	29.15	< LOQ	< LOQ	< LOQ
CBN	29.15	<b>0.06</b>	<b>0.01</b>	<b>0.22</b>
D9-THC	29.15	<b>2.47</b>	<b>0.25</b>	<b>9.88</b>
D8-THC	29.15	ND	ND	ND
(6aR,9S)-d10-THC	29.15	ND	ND	ND
(6aR,9R)-d10-THC	29.15	ND	ND	ND
CBC	29.15	< LOQ	< LOQ	< LOQ
THCa	29.15	ND	ND	ND
Total CBD		<b>0.04</b>	0.00	<b>0.18</b>
Total THC		<b>2.47</b>	<b>0.25</b>	<b>9.88</b>
Total Cannabinoids		<b>3.86</b>	<b>0.39</b>	<b>15.43</b>

### Notes:

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

## Microbials

SOP 401-NY SOP 619-NY  
Date/Time Tested: 10/27/2024  
22:00

Pass

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

Date/Time Tested: 10/26/2024  
10:16

Pass

Analyte	Limit (aw)	aw	Status
Water Activity	0.85	<b>0.71</b>	Passed



Kimberly Krisolofsky  
Lead Technical Director

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Sampling SOP 204-NY

Ayrloom 10mg Orchard Sunrise  
Ingestible, Gummy



## Terpenes

SOP 620-NY  
Date/Time Tested: 10/26/2024 12:56

Tested

Analyte	LOQ (ug/mL)	%	Analyte	LOQ (ug/mL)	%
Total Terpenes		ND	DL-Menthol	165	ND
a-Pinene	165	ND	Borneol	165	ND
Camphene	165	ND	Terpineol	165	ND
Sabinene	165	ND	Nerol	165	ND
b-Pinene	165	ND	Pulegone	165	ND
b-Myrcene	165	ND	Geraniol	165	ND
a-Phellandrene	165	ND	Geranyl Acetate	165	ND
d-3-Carene	165	ND	a-Cedrene	165	ND
a-Terpinene	165	ND	b-Caryophyllene	165	ND
Limonene	165	ND	a-Humulene	165	ND
Eucalyptol	165	ND	Valencene	165	ND
g-Terpinene	165	ND	cis-Nerolidol	165	ND
Terpinolene	165	ND	trans-Nerolidol	165	ND
Fenchol	165	ND	Guaiol	165	ND
Sabinene Hydrate	165	ND	Caryophyllene Oxide	165	ND
Linalool	165	ND	Cedrol	165	ND
Fenchone	165	ND	a-Bisabolol	165	ND
Isopulegol	165	ND	trans-b-Ocimene	165	ND
Camphor	165	ND	trans-b-Farnesene	165	ND
Isoborneol	165	ND	p-Cymene	165	ND

### Notes:

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 Ingestible, Gummy



## Residual Solvents

SOP 612-NY  
 Date/Time Tested: 10/27/2024 15:19

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	570.4	Passed
Ethyl Acetate	219	5,000	ND	Passed
Ethyl Ether	22	5,000	ND	Passed
DMSO	110	5,000	ND	Passed
Heptane	22	5,000	ND	Passed
Hexanes	7	290	ND	Passed
Isopropyl Alcohol	219	5,000	ND	Passed
Methanol	132	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	5,482	1,500	ND	Passed
Xylenes	289	2,170	ND	Passed
1,1,1,2-Tetrafluoroethane (HFC-134a)	22	1,000	ND	Passed

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## Mycotoxins

SOP 808-NY  
 Date/Time Tested: 10/26/2024 02:25

Pass

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

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## Heavy Metals

SOP 250-NY  
Date/Time Tested: 10/28/2024 13:57

Pass

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
Antimony	0.206	120.000	ND	Passed
Arsenic	0.206	1.500	ND	Passed
Cadmium	0.206	0.500	ND	Passed
Chromium	0.206	1,100.000	ND	Passed
Copper	0.247	300.000	<b>0.394</b>	Passed
Mercury	0.049	3.000	ND	Passed
Nickel	0.247	20.000	ND	Passed
Lead	0.206	0.500	ND	Passed

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## Pesticides

SOP 814-NY  
Date/Time Tested: 10/25/2024 11:08

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
Fonicamid	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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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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