

## Gen V

Order No.: ONYGVL0630-0007363  
 4473 Cherry Valley Turnpike  
 New York, 13084  
 info@ayrloom.com  
 3157077760

## Sample: SNYGVL0630-CVAP-0016549

Strain: Energy, Unit Weight: 1.0000g  
 Batch#: 062626-V0520-1.0, Batch Size: 3000  
 Sample Received: 06/30/2025 15:50  
 Report Created: 07/07/2025 16:40  
 Sampling SOP 204-NY

Ayrloom Energy 1.0g  
 Concentrates & Extracts, Vape



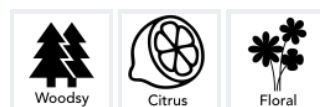
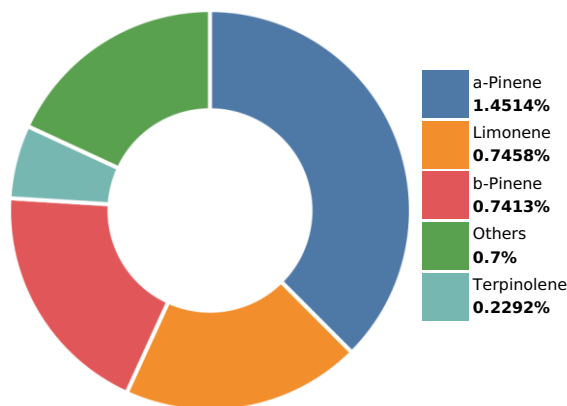
## Results

<b>3.13 mg/dose</b> D9-THC	<b>0.83 mg/dose</b> THCV
<b>0 mg/dose</b> Total CBD	<b>3.13 mg/dose</b> Total THC
<b>4.75 mg/dose</b> Total Cannabinoids	<b>3.868%</b> Total Terpenes

## Tests Summary

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

## Dominant Terpenes





# Certificate of Analysis

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

Compliance

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Concentrates & Extracts, Vape



## Cannabinoids

SOP 801-NY

Date/Time Tested: 07/01/2025 11:32

Tested

Analyte	LOQ (ug/mL)	%	mg/g	mg/dose	mg/unit
CBDV	4,705.28	ND	ND	ND	ND
CBDa	4,705.28	ND	ND	ND	ND
CBGa	4,705.28	ND	ND	ND	ND
CBG	4,705.28	15.28	152.81	0.76	152.81
CBD	4,705.28	< LOQ	< LOQ	< LOQ	< LOQ
THCV	4,705.28	16.62	166.15	0.83	166.15
CBN	4,705.28	0.68	6.80	0.03	6.80
D9-THC	4,705.28	62.52	625.17	3.13	625.17
D8-THC	4,705.28	ND	ND	ND	ND
(6aR,9S)-d10-THC	4,705.28	ND	ND	ND	ND
(6aR,9R)-d10-THC	4,705.28	ND	ND	ND	ND
CBC	4,705.28	< LOQ	< LOQ	< LOQ	< LOQ
THCa	4,705.28	ND	ND	ND	ND
Total CBD		0.00	0.00	0.00	0.00
Total THC		62.52	625.17	3.13	625.17
Total Cannabinoids		95.09	950.94	4.75	950.94

### 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

## Microbials

SOP 401-NY SOP 418-NY

Date/Time Tested: 07/02/2025 20:29

Pass

Analyte	LOQ (CFU/g)	Limit (CFU/g)	CFU/g	Status
Aerobic Bacteria	100	10,000	ND	Passed
E. Coli		0	ND	Passed
Yeast & Mold	100	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

### Notes:

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Kimberly Krisolofsky  
Lead Technical Director

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Sampling SOP 204-NY

Ayrloom Energy 1.0g  
Concentrates & Extracts, Vape



## Terpenes

SOP 620-NY  
Date/Time Tested: 07/01/2025 16:01

Pass

Analyte	LOQ (ug/mL)	Limit (ug/mL)	%	Status	Analyte	LOQ (ug/mL)	Limit (ug/mL)	%	Status
Total Terpenes		115,000	<b>3.8677</b>	Passed	Isoborneol	158		ND	Tested
a-Pinene	158		<b>1.4514</b>	Tested	Borneol	158		ND	Tested
Limonene	158		<b>0.7458</b>	Tested	Terpineol	158		ND	Tested
b-Pinene	158		<b>0.7413</b>	Tested	g-Terpinene	158		ND	Tested
Terpinolene	158		<b>0.2292</b>	Tested	Pulegone	158		ND	Tested
Nerol	158		<b>0.2078</b>	Tested	Geraniol	158		ND	Tested
trans-Nerolidol	158		<b>0.1886</b>	Tested	Geranyl Acetate	158		ND	Tested
a-Phellandrene	158		<b>0.1659</b>	Tested	a-Cedrene	158		ND	Tested
a-Bisabolol	158		<b>0.0645</b>	Tested	b-Caryophyllene	158		< LOQ	Tested
Caryophyllene Oxide	158		<b>0.0295</b>	Tested	a-Humulene	158		< LOQ	Tested
b-Myrcene	158		<b>0.0247</b>	Tested	Valencene	158		ND	Tested
Camphene	158		<b>0.0187</b>	Tested	cis-Nerolidol	158		ND	Tested
DL-Menthol	158		ND	Tested	Eucalyptol	158		ND	Tested
d-3-Carene	158		ND	Tested	Guaiol	158		ND	Tested
Fenchol	158		ND	Tested	p-Cymene	158		< LOQ	Tested
Sabinene Hydrate	158		ND	Tested	Cedrol	158		ND	Tested
Linalool	158		ND	Tested	a-Terpinene	158		ND	Tested
Fenchone	158		ND	Tested	trans-b-Ocimene	158		ND	Tested
Isopulegol	158		ND	Tested	trans-b-Farnesene	158		< LOQ	Tested
Camphor	158		ND	Tested	Sabinene	158		< LOQ	Tested

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 Sampling SOP 204-NY

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 Concentrates & Extracts, Vape



## Residual Solvents

SOP 612-NY  
 Date/Time Tested: 07/02/2025 12:23

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	ND	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	ND	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	5,483	1,500	ND	Passed
Xylenes	290	2,170	ND	Passed
1,1,1,2-Tetrafluoroethane (HFC-134a)	22	1,000	ND	Passed

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## Mycotoxins

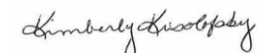
SOP 808-NY  
 Date/Time Tested: 07/02/2025 16:32

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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Concentrates & Extracts, Vape



## Heavy Metals

SOP 250-NY  
Date/Time Tested: 07/02/2025 10:51

Pass

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
Antimony	0.191	2.000	ND	Passed
Arsenic	0.191	0.200	ND	Passed
Cadmium	0.191	0.200	ND	Passed
Chromium	0.191	110.000	< LOQ	Passed
Copper	0.229	30.000	ND	Passed
Mercury	0.046	0.100	ND	Passed
Nickel	0.229	2.000	ND	Passed
Lead	0.191	0.500	ND	Passed

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Sampling SOP 204-NY

Ayrloom Energy 1.0g  
Concentrates & Extracts, Vape



## Pesticides

SOP 814-NY  
Date/Time Tested: 07/02/2025 09:53

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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