

Gen V

Order No.: ONYGVL0220-0004986
 4473 Cherry Valley Turnpike
 Lafayette, New York, 13084
 info@ayrloom.com
 3157077760

Sample: SNYGVL0220-CVAP-0012997

Unit Weight: 1.0000g
 Batch#: 120525-V0394-1.0, Batch Size: 2000
 Sample Received: 02/20/2025 02:19
 Report Created: 02/26/2025 21:46
 Sampling SOP 204-NY

Ayrloom Energy 1.0g
 Concentrates & Extracts, Vape



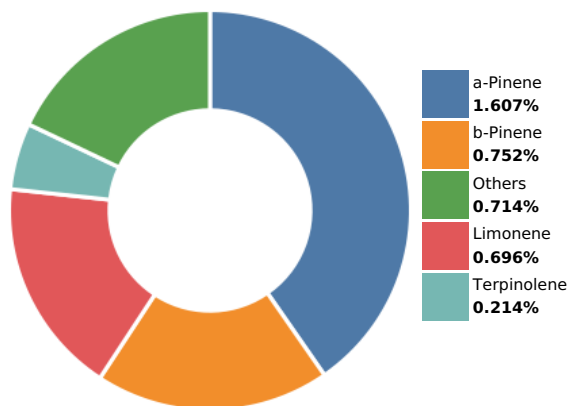
Results

2.88 mg/dose D9-THC	0.78 mg/dose CBG
0 mg/dose Total CBD	2.88 mg/dose Total THC
4.43 mg/dose Total Cannabinoids	3.984% Total Terpenes

Tests Summary

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

Dominant Terpenes





Certificate of Analysis

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

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Adult Use

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Concentrates & Extracts, Vape



Cannabinoids

SOP 801-NY
Date/Time Tested: 02/22/2025 13:36

Tested

Analyte	LOQ (ug/mL)	%	mg/g	mg/dose	mg/unit
CBDV	4,996.35	ND	ND	ND	ND
CBDa	4,996.35	ND	ND	ND	ND
CBGa	4,996.35	ND	ND	ND	ND
CBG	4,996.35	15.62	156.25	0.78	156.25
CBD	4,996.35	< LOQ	< LOQ	< LOQ	< LOQ
THCV	4,996.35	14.82	148.15	0.74	148.15
CBN	4,996.35	0.55	5.46	0.03	5.46
D9-THC	4,996.35	57.53	575.27	2.88	575.27
D8-THC	4,996.35	ND	ND	ND	ND
(6aR,9S)-d10-THC	4,996.35	ND	ND	ND	ND
(6aR,9R)-d10-THC	4,996.35	ND	ND	ND	ND
CBC	4,996.35	< LOQ	< LOQ	< LOQ	< LOQ
THCa	4,996.35	ND	ND	ND	ND
Total CBD		0.00	0.00	0.00	0.00
Total THC		57.53	575.27	2.88	575.27
Total Cannabinoids		88.51	885.12	4.43	885.12

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: 02/26/2025 15:04

Pass

Analyte	LOQ (CFU/g)	Limit (CFU/g)	CFU/g	Status
Aerobic Bacteria	1,000	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: 02/23/2025 11:18

Pass

Analyte	LOQ (ug/mL)	Limit (ug/mL)	%	Status	Analyte	LOQ (ug/mL)	Limit (ug/mL)	%	Status
Total Terpenes		115,000	3.984	Passed	Isoborneol	165		ND	Tested
a-Pinene	165		1.607	Tested	Sabinene	165		< LOQ	Tested
b-Pinene	165		0.752	Tested	Terpineol	165		ND	Tested
Limonene	165		0.696	Tested	Fenchol	165		ND	Tested
Terpinolene	165		0.214	Tested	Pulegone	165		ND	Tested
Nerol	165		0.208	Tested	Geraniol	165		ND	Tested
trans-Nerolidol	165		0.197	Tested	Geranyl Acetate	165		ND	Tested
a-Phellandrene	165		0.155	Tested	a-Cedrene	165		ND	Tested
a-Bisabolol	165		0.057	Tested	b-Caryophyllene	165		< LOQ	Tested
Caryophyllene Oxide	165		0.030	Tested	a-Humulene	165		< LOQ	Tested
Camphene	165		0.026	Tested	Valencene	165		ND	Tested
b-Myrcene	165		0.023	Tested	cis-Nerolidol	165		ND	Tested
Guaiol	165		0.018	Tested	g-Terpinene	165		ND	Tested
DL-Menthol	165		ND	Tested	Eucalyptol	165		ND	Tested
d-3-Carene	165		ND	Tested	p-Cymene	165		< LOQ	Tested
Sabinene Hydrate	165		ND	Tested	Cedrol	165		ND	Tested
Linalool	165		ND	Tested	a-Terpinene	165		< LOQ	Tested
Fenchone	165		ND	Tested	trans-b-Ocimene	165		ND	Tested
Isopulegol	165		ND	Tested	trans-b-Farnesene	165		ND	Tested
Camphor	165		ND	Tested	Borneol	165		ND	Tested

Notes:

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Sampling SOP 204-NY

Ayrloom Energy 1.0g
Concentrates & Extracts, Vape



Residual Solvents

SOP 612-NY
Date/Time Tested: 02/23/2025 14:20

Pass

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
1,2-Dichloroethane	2	5	ND	Passed
Acetone	38	5,000	ND	Passed
Acetonitrile	15	410	ND	Passed
Benzene	2	2	ND	Passed
Butane	38	5,000	ND	Passed
Chloroform	2	60	ND	Passed
Ethanol	191	5,000	ND	Passed
Ethyl Acetate	191	5,000	ND	Passed
Ethyl Ether	19	5,000	ND	Passed
DMSO	95	5,000	ND	Passed
Heptane	19	5,000	< LOQ	Passed
Hexanes	6	290	ND	Passed
Isopropyl Alcohol	191	5,000	ND	Passed
Methanol	115	3,000	ND	Passed
Methylene Chloride	2	600	ND	Passed
Pentanes	57	5,000	ND	Passed
Propane	19	5,000	< LOQ	Passed
Toluene	3	890	< LOQ	Passed
Trichloroethane	4,771	1,500	ND	Passed
Xylenes	252	2,170	ND	Passed
1,1,1,2-Tetrafluoroethane (HFC-134a)	19	1,000	ND	Passed

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Mycotoxins

SOP 808-NY
Date/Time Tested: 02/22/2025 11:35

Pass

Analyte	LOQ (ng/g)	Limit (ng/g)	ng/g	Status	Analyte	LOQ (ng/g)	Limit (ng/g)	ng/g	Status
B1	4.9		ND	Tested	Ochratoxin A	4.9	20.0	ND	Passed
B2	4.9		ND	Tested	Total Aflatoxins		20.0	ND	Passed
G1	4.9		ND	Tested	Total Mycotoxins			ND	Tested
G2	4.9		ND	Tested					

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Sampling SOP 204-NY

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Concentrates & Extracts, Vape



Heavy Metals

SOP 250-NY
Date/Time Tested: 02/24/2025 10:44

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	ND	Passed
Copper	0.230	30.000	ND	Passed
Mercury	0.046	0.100	ND	Passed
Nickel	0.230	2.000	ND	Passed
Lead	0.191	0.500	ND	Passed

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Concentrates & Extracts, Vape



Pesticides

SOP 814-NY
Date/Time Tested: 02/22/2025 10:14

Pass

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
Abamectin	0.38	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	< LOQ	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	0.49	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
Fonicamid	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	0.12	1.00	ND	Passed
Kresoxim Methyl	0.10	0.40	ND	Passed
Malathion	0.10	0.20	ND	Passed
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



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Ayrloom Energy 1.0g
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Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
MGK-264	0.01	0.20	ND	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	0.14	Passed
PCNB	0.10	1.00	ND	Passed
Azadirachtin	0.12	1.00	ND	Passed
Chlormequat Chloride	0.02	1.00	ND	Passed

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