

Gen V

Order No.: ONYGVLO407-0005808
4473 Cherry Valley Turnpike
New York, 13084
info@ayrloom.com
3157077760

Sample: SNYGVLO407-CVAP-0014199

Unit Weight: 1.0000g
Batch#: 040426-V0463-1.0 , Batch Size: 4000
Sample Received: 04/07/2025 04:43
Report Created: 04/10/2025 21:39
Sampling SOP 204-NY

Ayrloom Energy 1.0g
Concentrates & Extracts, Vape



Results

2.82 mg/dose
D9-THC

0.78 mg/dose
THCV

0 mg/dose
Total CBD

2.82 mg/dose
Total THC

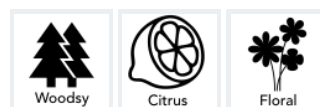
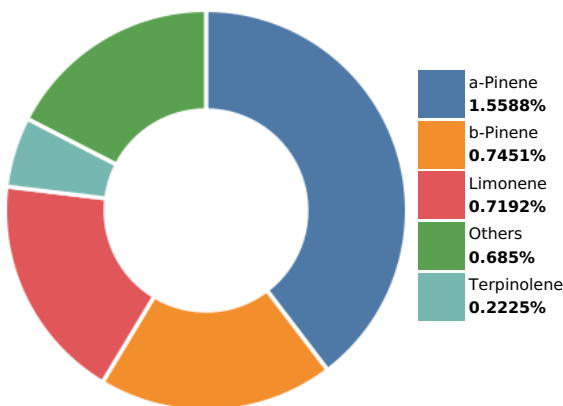
4.34 mg/dose
Total Cannabinoids

3.931%
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

Compliance

Adult Use

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

2 of 7

Gen V

Order No.: ONYGVL0407-0005808
4473 Cherry Valley Turnpike
New York, 13084
info@ayrloom.com
3157077760

Sample: SNYGVL0407-CVAP-0014199

Unit Weight: 1.0000g
Batch#: 040426-V0463-1.0 , Batch Size: 4000
Sample Received: 04/07/2025 04:43
Report Created: 04/10/2025 21:39
Sampling SOP 204-NY

Ayrloom Energy 1.0g
Concentrates & Extracts, Vape



Cannabinoids

SOP 801-NY

Date/Time Tested: 04/08/2025 15:30

Tested

Analyte	LOQ (ug/mL)	%	mg/g	mg/dose	mg/unit
CBDV	4,038.39	ND	ND	ND	ND
CBDa	4,038.39	ND	ND	ND	ND
CBGa	4,038.39	ND	ND	ND	ND
CBG	4,038.39	14.35	143.53	0.72	143.53
CBD	4,038.39	< LOQ	< LOQ	< LOQ	< LOQ
THCV	4,038.39	15.54	155.44	0.78	155.44
CBN	4,038.39	< LOQ	< LOQ	< LOQ	< LOQ
D9-THC	4,038.39	56.38	563.79	2.82	563.79
D8-THC	4,038.39	ND	ND	ND	ND
(6aR,9S)-d10-THC	4,038.39	ND	ND	ND	ND
(6aR,9R)-d10-THC	4,038.39	ND	ND	ND	ND
CBC	4,038.39	0.60	6.00	0.03	6.00
THCa	4,038.39	ND	ND	ND	ND
Total CBD		0.00	0.00	0.00	0.00
Total THC		56.38	563.79	2.82	563.79
Total Cannabinoids		86.88	868.76	4.34	868.76

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: 04/10/2025 17:12

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:

Unless otherwise stated all quality control tests performed within specifications established by the Laboratory. ND = Not Detected; NT = Not Tested; NR = Not Reported



Kimberly Krisolofsky

Kimberly Krisolofsky
Lead Technical Director

* indicates a subcontracted result. † indicates a result not regulated by OCM. ♦ indicates ISO/IEC 17025:2017 accreditation is pending This product has been tested by ACT Laboratories using valid, ISO/IEC 17025:2017 accredited testing methodologies and a quality system as required by state law. Results apply to the sample as received. Values reported relate only to the product tested. ACT Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of ACT Laboratories. The authenticity of this document is only guaranteed if issued from an @actlab.com email.

Gen V

Order No.: ONYGV0407-0005808
4473 Cherry Valley Turnpike
New York, 13084
info@ayrloom.com
3157077760

Sample: SNYGV0407-CVAP-0014199

Unit Weight: 1.0000g
Batch#: 040426-V0463-1.0 , Batch Size: 4000
Sample Received: 04/07/2025 04:43
Report Created: 04/10/2025 21:39
Sampling SOP 204-NY

Ayrloom Energy 1.0g
Concentrates & Extracts, Vape



Terpenes

SOP 620-NY
Date/Time Tested: 04/08/2025 18:16

Pass

Analyte	LOQ (ug/mL)	Limit (ug/mL)	%	Status	Analyte	LOQ (ug/mL)	Limit (ug/mL)	%	Status
Total Terpenes		115,000	3.9306	Passed	Isoborneol	160		ND	Tested
a-Pinene	160		1.5588	Tested	Sabinene	160		ND	Tested
b-Pinene	160		0.7451	Tested	Terpineol	160		ND	Tested
Limonene	160		0.7192	Tested	Fenchol	160		ND	Tested
Terpinolene	160		0.2225	Tested	Pulegone	160		ND	Tested
Nerol	160		0.2120	Tested	Geraniol	160		ND	Tested
trans-Nerolidol	160		0.1876	Tested	Geranyl Acetate	160		ND	Tested
a-Phellandrene	160		0.1525	Tested	a-Cedrene	160		ND	Tested
a-Bisabolol	160		0.0597	Tested	g-Terpinene	160		ND	Tested
b-Myrcene	160		0.0219	Tested	a-Humulene	160		< LOQ	Tested
Camphene	160		0.0183	Tested	Valencene	160		ND	Tested
Caryophyllene Oxide	160		0.0169	Tested	cis-Nerolidol	160		ND	Tested
b-Caryophyllene	160		0.0162	Tested	Eucalyptol	160		ND	Tested
DL-Menthol	160		ND	Tested	Guaiol	160		< LOQ	Tested
d-3-Carene	160		ND	Tested	p-Cymene	160		< LOQ	Tested
Sabinene Hydrate	160		ND	Tested	Cedrol	160		ND	Tested
Linalool	160		ND	Tested	a-Terpinene	160		ND	Tested
Fenchone	160		ND	Tested	trans-b-Ocimene	160		ND	Tested
Isopulegol	160		ND	Tested	trans-b-Farnesene	160		ND	Tested
Camphor	160		ND	Tested	Borneol	160		ND	Tested

Notes:

LOQ = Limit of Quantitation. Unless otherwise stated all quality control tests performed within specifications established by the Laboratory. ND = Not Detected; NT = Not Tested; NR = Not Reported



Certificate of Analysis

Compliance

Adult Use

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

4 of 7

Gen V

Order No.: ONYGVL0407-0005808
4473 Cherry Valley Turnpike
New York, 13084
info@ayrloom.com
3157077760

Sample: SNYGVL0407-CVAP-0014199

Unit Weight: 1.0000g
Batch#: 040426-V0463-1.0 , Batch Size: 4000
Sample Received: 04/07/2025 04:43
Report Created: 04/10/2025 21:39
Sampling SOP 204-NY

Ayrloom Energy 1.0g
Concentrates & Extracts, Vape



Residual Solvents

SOP 612-NY
Date/Time Tested: 04/08/2025 16:38

Pass

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
1,2-Dichloroethane	2	5	ND	Passed
Acetone	40	5,000	ND	Passed
Acetonitrile	16	410	ND	Passed
Benzene	2	2	ND	Passed
Butane	40	5,000	ND	Passed
Chloroform	2	60	ND	Passed
Ethanol	200	5,000	ND	Passed
Ethyl Acetate	200	5,000	ND	Passed
Ethyl Ether	20	5,000	ND	Passed
DMSO	100	5,000	ND	Passed
Heptane	20	5,000	< LOQ	Passed
Hexanes	6	290	< LOQ	Passed
Isopropyl Alcohol	200	5,000	< LOQ	Passed
Methanol	120	3,000	ND	Passed
Methylene Chloride	2	600	ND	Passed
Pentanes	60	5,000	< LOQ	Passed
Propane	20	5,000	ND	Passed
Toluene	4	890	< LOQ	Passed
Trichloroethane	50	1,500	ND	Passed
Xylenes	264	2,170	ND	Passed
1,1,1,2-Tetrafluoroethane (HFC-134a)	20	1,000	ND	Passed

Notes:

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. All results were generated by ISO certified methods to full state testing requirements. If DMSO and 1,1,1-Trichloroethane are reported, they are tentatively identified, but not quantitatively confirmed. ND = Not Detected; NT = Not Tested; NR = Not Reported.

Mycotoxins

SOP 808-NY
Date/Time Tested: 04/08/2025 17:02

Pass

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

Notes:

LOQ = Limit of Quantitation. Unless otherwise stated all quality control tests performed within specifications established by the Laboratory. ND = Not Detected; NT = Not Tested; NR = Not Reported



Kimberly Krisolofsky

**Kimberly Krisolofsky
Lead Technical Director**

* indicates a subcontracted result. † indicates a result not regulated by OCM. ♦ indicates ISO/IEC 17025:2017 accreditation is pending This product has been tested by ACT Laboratories using valid, ISO/IEC 17025:2017 accredited testing methodologies and a quality system as required by state law. Results apply to the sample as received. Values reported relate only to the product tested. ACT Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of ACT Laboratories. The authenticity of this document is only guaranteed if issued from an @actlab.com email.



Certificate of Analysis

Compliance

Adult Use

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

5 of 7

Gen V

Order No.: ONYGVLO407-0005808
4473 Cherry Valley Turnpike
New York, 13084
info@ayrloom.com
3157077760

Sample: SNYGVLO407-CVAP-0014199

Unit Weight: 1.0000g
Batch#: 040426-V0463-1.0 , Batch Size: 4000
Sample Received: 04/07/2025 04:43
Report Created: 04/10/2025 21:39
Sampling SOP 204-NY

Ayrloom Energy 1.0g
Concentrates & Extracts, Vape



Heavy Metals

SOP 250-NY

Date/Time Tested: 04/09/2025 10:38

Pass

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
Antimony	0.180	2.000	ND	Passed
Arsenic	0.180	0.200	ND	Passed
Cadmium	0.180	0.200	ND	Passed
Chromium	0.180	110.000	ND	Passed
Copper	0.216	30.000	ND	Passed
Mercury	0.043	0.100	ND	Passed
Nickel	0.216	2.000	ND	Passed
Lead	0.180	0.500	ND	Passed

Notes:

LOQ = Limit of Quantitation. Unless otherwise stated all quality control tests performed within specifications established by the Laboratory. ND = Not Detected; NT = Not Tested; NR = Not Reported



Kimberly Krisolofsky
Lead Technical Director

* indicates a subcontracted result. † indicates a result not regulated by OCM. ♦ indicates ISO/IEC 17025:2017 accreditation is pending This product has been tested by ACT Laboratories using valid, ISO/IEC 17025:2017 accredited testing methodologies and a quality system as required by state law. Results apply to the sample as received. Values reported relate only to the product tested. ACT Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of ACT Laboratories. The authenticity of this document is only guaranteed if issued from an @actlab.com email.



Certificate of Analysis

Compliance

Adult Use

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

6 of 7

Gen V

Order No.: ONYGVL0407-0005808
4473 Cherry Valley Turnpike
New York, 13084
info@ayrloom.com
3157077760

Sample: SNYGVL0407-CVAP-0014199

Unit Weight: 1.0000g
Batch#: 040426-V0463-1.0 , Batch Size: 4000
Sample Received: 04/07/2025 04:43
Report Created: 04/10/2025 21:39
Sampling SOP 204-NY

Ayrloom Energy 1.0g
Concentrates & Extracts, Vape



Pesticides

SOP 814-NY
Date/Time Tested: 04/08/2025 11:26

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	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
Metaxyl	0.10	0.20	ND	Passed
Methiocarb	0.10	0.20	ND	Passed
Methomyl	0.10	0.40	ND	Passed



Kimberly Krisolofsky

Kimberly Krisolofsky
Lead Technical Director

* indicates a subcontracted result. † indicates a result not regulated by OCM. ♦ indicates ISO/IEC 17025:2017 accreditation is pending This product has been tested by ACT Laboratories using valid, ISO/IEC 17025:2017 accredited testing methodologies and a quality system as required by state law. Results apply to the sample as received. Values reported relate only to the product tested. ACT Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of ACT Laboratories. The authenticity of this document is only guaranteed if issued from an @actlab.com email.



Certificate of Analysis

Compliance

Adult Use

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

7 of 7

Gen V

Order No.: ONYGVLO407-0005808
4473 Cherry Valley Turnpike
New York, 13084
info@ayrloom.com
3157077760

Sample: SNYGVLO407-CVAP-0014199

Unit Weight: 1.0000g
Batch#: 040426-V0463-1.0 , Batch Size: 4000
Sample Received: 04/07/2025 04:43
Report Created: 04/10/2025 21:39
Sampling SOP 204-NY

Ayrloom Energy 1.0g
Concentrates & Extracts, Vape



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	ND	Passed
PCNB	0.10	1.00	ND	Passed
Azadirachtin	0.12	1.00	ND	Passed
Chlormequat Chloride	0.02	1.00	ND	Passed

Notes:

LOQ = Limit of Quantitation. Unless otherwise stated all quality control tests performed within specifications established by the Laboratory. If captan, chlormequat chloride, or MGK-264 are reported, they are tentatively identified, but not quantitatively confirmed. ND = Not Detected; NT = Not Tested; NR = Not Reported. "TIC" means tentatively identified, but not quantitatively confirmed.



Kimberly Krisolofsky
Lead Technical Director

* indicates a subcontracted result. † indicates a result not regulated by OCM. ♦ indicates ISO/IEC 17025:2017 accreditation is pending This product has been tested by ACT Laboratories using valid, ISO/IEC 17025:2017 accredited testing methodologies and a quality system as required by state law. Results apply to the sample as received. Values reported relate only to the product tested. ACT Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of ACT Laboratories. The authenticity of this document is only guaranteed if issued from an @actlab.com email.