

## Gen V

Order No.: ONYGVL0815-0002275  
 4473 Cherry Valley Turnpike  
 New York, 13084  
 caitlinb@ayrloom.com  
 6072833623

## Sample: SNYGVL0815-CVAP-0009402

Batch#: 081425-V0305, Batch Size: 6000  
 Sample Received: 08/15/2024 02:35  
 Report Created: 08/19/2024 21:54  
 Sampling SOP 204-NY

Ayrloom Mood Calm  
 Concentrates & Extracts, Vape



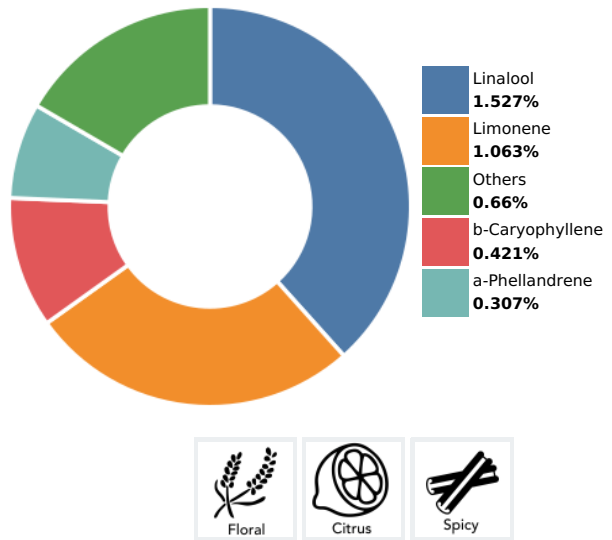
## Results

<b>3.18 mg/dose</b> D9-THC	<b>0.87 mg/dose</b> CBD
<b>0.87 mg/dose</b> Total CBD	<b>3.18 mg/dose</b> Total THC
<b>4.23 mg/dose</b> Total Cannabinoids	<b>3.979%</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>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



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## Cannabinoids

SOP 801-NY

Date/Time Tested: 08/16/2024 14:07

Tested

Analyte	LOQ (ug/mL)	mg/g	%	mg/dose
CBDV	4,214.26	ND	ND	ND
CBDa	4,214.26	ND	ND	ND
CBGa	4,214.26	ND	ND	ND
CBG	4,214.26	8.40	0.84	0.04
CBD	4,214.26	175.00	17.50	0.87
THCV	4,214.26	5.62	0.56	0.03
CBN	4,214.26	20.33	2.03	0.10
D9-THC	4,214.26	635.85	63.58	3.18
D8-THC	4,214.26	ND	ND	ND
(6aR,9S)-d10-THC	4,214.26	ND	ND	ND
(6aR,9R)-d10-THC	4,214.26	ND	ND	ND
CBC	4,214.26	< LOQ	< LOQ	< LOQ
THCa	4,214.26	ND	ND	ND
Total CBD		175.00	17.50	0.87
Total THC		635.85	63.58	3.18
Total Cannabinoids		845.20	84.52	4.23

### 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 619-NY

Date/Time Tested: 08/16/2024 20:34

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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**Kimberly Krisolofsky**  
 Lead Technical Director

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 Concentrates & Extracts, Vape



## Terpenes

SOP 620-NY  
 Date/Time Tested: 08/16/2024 18:04

Pass

Analyte	LOQ (ug/mL)	Limit (ug/mL)	%	Status	Analyte	LOQ (ug/mL)	Limit (ug/mL)	%	Status
Total Terpenes		100,000	<b>3.979</b>	Passed	a-Pinene	164		ND	Tested
Linalool	164		<b>1.527</b>	Tested	DL-Menthol	164		ND	Tested
Limonene	164		<b>1.063</b>	Tested	Borneol	164		ND	Tested
b-Caryophyllene	164		<b>0.421</b>	Tested	Terpinolene	164		ND	Tested
a-Phellandrene	164		<b>0.307</b>	Tested	Pulegone	164		< LOQ	Tested
b-Myrcene	164		<b>0.289</b>	Tested	Geraniol	164		ND	Tested
trans-Nerolidol	164		<b>0.106</b>	Tested	Geranyl Acetate	164		ND	Tested
Caryophyllene Oxide	164		<b>0.083</b>	Tested	a-Cedrene	164		ND	Tested
Nerol	164		<b>0.058</b>	Tested	g-Terpinene	164		ND	Tested
a-Bisabolol	164		<b>0.049</b>	Tested	Eucalyptol	164		< LOQ	Tested
Valencene	164		<b>0.028</b>	Tested	a-Terpinene	164		< LOQ	Tested
p-Cymene	164		<b>0.024</b>	Tested	cis-Nerolidol	164		ND	Tested
a-Humulene	164		<b>0.023</b>	Tested	d-3-Carene	164		ND	Tested
Isoborneol	164		ND	Tested	Guaiol	164		< LOQ	Tested
Camphene	164		ND	Tested	b-Pinene	164		ND	Tested
Sabinene Hydrate	164		ND	Tested	Cedrol	164		ND	Tested
Fenchol	164		ND	Tested	Sabinene	164		ND	Tested
Fenchone	164		ND	Tested	trans-b-Ocimene	164		ND	Tested
Isopulegol	164		ND	Tested	trans-b-Farnesene	164		ND	Tested
Camphor	164		ND	Tested	Terpineol	164		ND	Tested

### Notes:

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 Lead Technical Director

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## Residual Solvents

SOP 612-NY  
 Date/Time Tested: 08/16/2024 11:26

Pass

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
1,2-Dichloroethane	2	5	ND	Passed
Acetone	39	5,000	ND	Passed
Acetonitrile	15	410	ND	Passed
Benzene	2	2	ND	Passed
Butane	39	5,000	< LOQ	Passed
Chloroform	2	60	ND	Passed
Ethanol	193	5,000	< LOQ	Passed
Ethyl Acetate	193	5,000	ND	Passed
Ethyl Ether	19	5,000	ND	Passed
DMSO		5,000	TIC	Passed
Heptane	19	5,000	57.0	Passed
Hexanes	6	290	ND	Passed
Isopropyl Alcohol	193	5,000	ND	Passed
Methanol	116	3,000	ND	Passed
Methylene Chloride	2	600	ND	Passed
Pentanes	58	5,000	ND	Passed
Propane	19	5,000	ND	Passed
Toluene	3	890	< LOQ	Passed
Trichloroethane		1,500	TIC	Passed
Xylenes	255	2,170	ND	Passed
1,1,1,2-Tetrafluoroethane (HFC-134a)	500	1,000	ND	Passed

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## Mycotoxins

SOP 808-NY  
 Date/Time Tested: 08/17/2024 23:10

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: 08/16/2024 10:35

Pass

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
Antimony	0.193	2.000	ND	Passed
Arsenic	0.193	0.200	ND	Passed
Cadmium	0.193	0.200	ND	Passed
Chromium	0.193	110.000	ND	Passed
Copper	0.232	30.000	ND	Passed
Mercury	0.046	0.100	ND	Passed
Nickel	0.232	2.000	ND	Passed
Lead	0.193	0.500	ND	Passed

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## Pesticides

SOP 814-NY  
 Date/Time Tested: 08/16/2024 19:10

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
Flonicamid	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		1.00	TIC	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
MGK-264		0.20	TIC	Passed
Myclobutanil	0.09	0.20	ND	Passed



*Kimberly Krisolofsky*

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Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
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	< LOQ	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	<b>0.13</b>	Passed
Chlorfenapyr	0.09	1.00	ND	Passed
PCNB	0.09	1.00	ND	Passed
Azadirachtin		1.00	ND	Passed
Chlormequat Chloride		1.00	TIC	Passed

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