

## Gen V

Order No.: ONYGVL0812-0002214  
 4473 Cherry Valley Turnpike  
 New York, 13084  
 caitlinb@ayrloom.com  
 6072833623

## Sample: SNYGVL0812-PEIP-0009341

Strain: Cereal Milk, Unit Weight: .6000g  
 Batch#: 080825 - PR0006, Batch Size: 5800  
 Sample Received: 08/12/2024 03:53  
 Report Created: 08/16/2024 15:15  
 Sampling SOP 204-NY

Ayrloom Cereal Milk  
 Plant, Enhanced/Infused Preroll



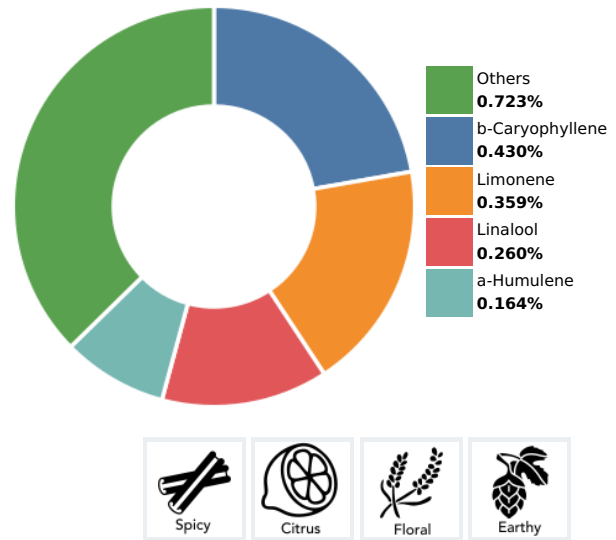
## Results

<b>5.37 mg/unit</b> CBGa	<b>107.97 mg/unit</b> THCa
<b>ND</b> Total CBD	<b>213.14 mg/unit</b> Total THC
<b>233.89 mg/unit</b> Total Cannabinoids	<b>1.936%</b> Total Terpenes

## Tests Summary

<b>Cannabinoids</b> Tested	<b>Moisture</b> Pass	<b>Microbials</b> Pass
<b>Water Activity</b> Pass	<b>Foreign Matter</b> Pass	<b>Homogeneity</b> Pass
<b>Terpenes</b> Pass	<b>Residual Solvents</b> Pass	<b>Mycotoxins</b> Pass
<b>Heavy Metals</b> Pass	<b>Pesticides</b> Pass	

## Dominant Terpenes



*Kimberly Krisolofsky*

**Kimberly Krisolofsky**  
 Lead Technical Director

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## Cannabinoids

SOP 801-NY  
 Date/Time Tested: 08/13/2024  
 17:00

Tested

Analyte	LOQ (ug/mL)	mg/g	%	mg/unit
CBDV	3,440.37	ND	ND	ND
CBDa	3,440.37	ND	ND	ND
CBGa	3,440.37	<b>8.95</b>	<b>0.89</b>	<b>5.37</b>
CBG	3,440.37	<b>3.51</b>	<b>0.35</b>	<b>2.10</b>
CBD	3,440.37	ND	ND	ND
THCV	3,440.37	ND	ND	ND
CBN	3,440.37	< LOQ	< LOQ	< LOQ
D9-THC	3,440.37	<b>197.41</b>	<b>19.74</b>	<b>118.45</b>
D8-THC	3,440.37	ND	ND	ND
(6aR,9S)-d10-THC	3,440.37	ND	ND	ND
(6aR,9R)-d10-THC	3,440.37	ND	ND	ND
CBC	3,440.37	< LOQ	< LOQ	< LOQ
THCa	3,440.37	<b>179.95</b>	<b>18.00</b>	<b>107.97</b>
Total CBD		ND	ND	ND
Total THC		<b>355.23</b>	<b>35.52</b>	<b>213.14</b>
Total Cannabinoids		<b>389.82</b>	<b>38.98</b>	<b>233.89</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  
 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

## Moisture

Date/Time Tested: 08/13/2024  
 16:06

Pass

Analyte	Limit (%)	%	Status
Moisture	15	<b>5.8</b>	Passed

## Microbials

SOP 401-NY SOP 619-NY  
 Date/Time Tested: 08/15/2024  
 14:11

Pass

Analyte	LOQ (CFU/g)	Limit (CFU/g)	CFU/g	Status
Aerobic Bacteria			<b>606,247</b>	Tested
E. Coli		0	ND	Passed
Yeast & Mold			ND	Tested
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: 08/13/2024  
 16:06

Pass

Analyte	Limit (aw)	aw	Status
Water Activity	0.65	<b>0.48</b>	Passed

## Foreign Matter

Date/Time Tested: 08/13/2024  
 14:07

Pass

Analyte	%
FM Stems	0
FM Other	0
FM Mammal Excrement	Absent

## Homogeneity

Analyte	Result
Homogeneity	Pass



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 Sampling SOP 204-NY

Ayrloom Cereal Milk  
 Plant, Enhanced/Infused Preroll



## Terpenes

SOP 620-NY  
 Date/Time Tested: 08/13/2024 11:33

Pass

Analyte	LOQ (ug/mL)	Limit (ug/mL)	%	Status	Analyte	LOQ (ug/mL)	Limit (ug/mL)	%	Status
Total Terpenes		100,000	<b>1.936</b>	Passed	Isoborneol	159		ND	Tested
b-Caryophyllene	159		<b>0.430</b>	Tested	DL-Menthol	159		ND	Tested
Limonene	159		<b>0.359</b>	Tested	Borneol	159		< LOQ	Tested
Linalool	159		<b>0.260</b>	Tested	Nerol	159		ND	Tested
a-Humulene	159		<b>0.164</b>	Tested	Pulegone	159		< LOQ	Tested
b-Pinene	159		<b>0.145</b>	Tested	Geraniol	159		ND	Tested
a-Bisabolol	159		<b>0.134</b>	Tested	Geranyl Acetate	159		ND	Tested
a-Pinene	159		<b>0.111</b>	Tested	a-Cedrene	159		< LOQ	Tested
b-Myrcene	159		<b>0.093</b>	Tested	a-Phellandrene	159		ND	Tested
cis-Nerolidol	159		<b>0.078</b>	Tested	d-3-Carene	159		ND	Tested
Guaiol	159		<b>0.039</b>	Tested	Sabinene Hydrate	159		ND	Tested
Fenchol	159		<b>0.032</b>	Tested	Terpinolene	159		< LOQ	Tested
Caryophyllene Oxide	159		<b>0.027</b>	Tested	g-Terpinene	159		< LOQ	Tested
trans-Nerolidol	159		<b>0.025</b>	Tested	Eucalyptol	159		ND	Tested
Valencene	159		<b>0.020</b>	Tested	p-Cymene	159		ND	Tested
Terpineol	159		<b>0.019</b>	Tested	Cedrol	159		ND	Tested
Camphene	159		< LOQ	Tested	Sabinene	159		ND	Tested
a-Terpinene	159		ND	Tested	trans-b-Ocimene	159		ND	Tested
Isopulegol	159		ND	Tested	trans-b-Farnesene	159		< LOQ	Tested
Camphor	159		ND	Tested	Fenchone	159		ND	Tested

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 Sampling SOP 204-NY

Ayrloom Cereal Milk  
 Plant, Enhanced/Infused Preroll



## Residual Solvents

SOP 612-NY  
 Date/Time Tested: 08/13/2024 11:37

Pass

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
1,2-Dichloroethane	2	5	ND	Passed
Acetone	43	5,000	< LOQ	Passed
Acetonitrile	17	410	ND	Passed
Benzene	2	2	ND	Passed
Butane	43	5,000	< LOQ	Passed
Chloroform	2	60	ND	Passed
Ethanol	217	5,000	< LOQ	Passed
Ethyl Acetate	217	5,000	ND	Passed
Ethyl Ether	22	5,000	ND	Passed
DMSO		5,000	TIC	Passed
Heptane	22	5,000	ND	Passed
Hexanes	7	290	ND	Passed
Isopropyl Alcohol	217	5,000	ND	Passed
Methanol	130	3,000	<b>166.4</b>	Passed
Methylene Chloride	3	600	ND	Passed
Pentanes	65	5,000	ND	Passed
Propane	22	5,000	< LOQ	Passed
Toluene	4	890	ND	Passed
Trichloroethane		1,500	TIC	Passed
Xylenes	286	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: 08/14/2024 02:18

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: 08/14/2024 11:07

Pass

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
Antimony	0.198	2.000	ND	Passed
Arsenic	0.198	0.200	ND	Passed
Cadmium	0.198	0.200	< LOQ	Passed
Chromium	0.198	110.000	< LOQ	Passed
Copper	0.237	30.000	<b>10.602</b>	Passed
Mercury	0.047	0.100	< LOQ	Passed
Nickel	0.237	5.000	<b>0.685</b>	Passed
Lead	0.198	0.500	< LOQ	Passed

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## Pesticides

SOP 814-NY  
 Date/Time Tested: 08/13/2024 13:05

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




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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	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		1.00	ND	Passed
Chlormequat Chloride		1.00	TIC	Passed

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