



## Certificate of Analysis

Sample: 2402ACTNY0056.0278

A handwritten signature in black ink that reads 'Kimberly Krisolofsky'.

02/08/2024

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Kimberly Krisolofsky  
Lead Technical Director

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Date

## Gen V Labs, LLC

4473 Cherry Valley Turnpike  
 Lafayette, NY 13084  
 caitlinb@beakandskiff.com  
 (607) 283-3623


## Sample: 2402ACTNY0056.0278

Strain: Orchard Sunrise  
 Batch#: 012925 - G0315; Batch Size: 4522 units  
 Sample Received: 02/01/2024 16:11  
 Report Created: 02/08/2024 02:24 pm  
 Sampling SOP 204-NY

## Ayrloom 1:1 Orchard Sunrise

Ingestible, Soft Chew



	<b>4.49 mg/dose</b>	<b>0.23 mg/dose</b>	<b>9.18 mg/dose</b>
	Total THC	Total CBD	Total Cannabinoids

## Cannabinoids

Method SOP 801-NY  
 Date/Time Tested: 02/05/2024 18:27

Complete

Analyte	LOQ		
	ug/mL	mg/g	mg/dose
CBDV	0.50	ND	ND
CBDa	0.50	ND	ND
CBGa	0.50	ND	ND
CBG	0.50	1.11	4.46
CBD	0.50	0.06	0.23
THCV	0.50	<LOQ	<LOQ
CBN	0.50	<LOQ	<LOQ
CBNa	0.50	ND	ND
Δ9-THC	0.50	1.12	4.49
Δ8-THC	0.50	ND	ND
(6aR,9S)-d10-THC	0.50	ND	ND
(6aR,9R)-d10-THC	0.50	ND	ND
CBC	0.50	<LOQ	<LOQ
THCa	0.50	ND	ND
<b>Total</b>		<b>2.29</b>	<b>9.18</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 fulfill state testing requirements.  
 ND = Not Detected; NT = Not Tested; NR = Not Reported  
 \*(6aR,9R)-d10-THC might include 9(S)-d6a,10a-THC as part of the Total THC.



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 Sampling SOP 204-NY

**Ayrloom 1:1 Orchard Sunrise**  
 Ingestible, Soft Chew



## Terpenes

♦SOP 620-NY  
 Date/Time Tested: 02/05/2024 17:16

Pass

## Primary Aromas

Analyte	LOQ	Mass
	ug/mL	%
α-Bisabolol	4.0	ND
α-Cedrene	4.0	ND
α-Humulene	4.0	ND
α-Phellandrene	4.0	ND
α-Pinene	4.0	ND
α-Terpinene	4.0	ND
α-Terpineol	4.0	ND
β-Myrcene	4.0	ND
β-Pinene	4.0	ND
Borneol	4.0	ND
Camphene	4.0	ND
Camphor	4.0	ND
Caryophyllene Oxide	4.0	ND
Cedrol	4.0	ND
cis-Nerolidol	4.0	ND
δ-3-Carene	4.0	ND
Eucalyptol	4.0	ND
Farnesene	4.0	ND
Fenchol	4.0	ND
Fenchone	4.0	ND
γ-Terpinene	4.0	ND
Geraniol	4.0	ND
Geranyl Acetate	4.0	ND
Guaiol	4.0	ND
Isoborneol	4.0	ND
Isopulegol	4.0	ND
Linalool	4.0	ND
Menthol	4.0	ND
Nerol	4.0	ND
Ocimene	4.0	ND
Pulegone	4.0	ND
p-Cymene	4.0	ND
S (-) Limonene	4.0	ND
Sabinene	4.0	ND
Sabinene Hydrate	4.0	ND
Terpinolene	4.0	ND
trans-Caryophyllene	4.0	ND
trans-Nerolidol	4.0	ND
Valencene	4.0	ND

**0.00%**

Total Terpenes

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 Sampling SOP 204-NY

## Ayrloom 1:1 Orchard Sunrise

Ingestible, Soft Chew



## Residual Solvents

**Pass**

SOP 612-NY

Date/Time Tested: 02/05/2024 18:08

Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
1,1,1-Trichloro-Ethane		1500	ND	Pass
1,2-Dichloro-Ethane	2	5	ND	Pass
Acetone	40	5000	ND	Pass
Acetonitrile	16	410	ND	Pass
Benzene	2	2	ND	Pass
Butanes	40	5000	ND	Pass
Chloroform	2	60	ND	Pass
Dichloromethane	2	600	ND	Pass
Dimethyl Sulfoxide		5000	ND	Pass
Ethanol	200	5000	740	Pass
Ethyl-Acetate	200	5000	ND	Pass
Ethyl-Ether	20	5000	ND	Pass
Heptane	20	5000	ND	Pass
Hexanes	6	290	ND	Pass
Isopropanol	200	5000	ND	Pass
Methanol	120	3000	ND	Pass
Pentanes	60	5000	ND	Pass
Propane	20	5000	ND	Pass
Toluene	4	890	ND	Pass
Xylenes	26	2170	ND	Pass

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 Sampling SOP 204-NY

## Ayrloom 1:1 Orchard Sunrise

Ingestible, Soft Chew



## Pesticides

SOP 814-NY

Date/Time Tested: 02/06/2024 15:23

## Pass

Analyte	Limit	LOQ	Mass	Status
	µg/g	µg/g	µg/g	
Abamectin	0.50	0.39	ND	Pass
Acephate	0.40	0.10	ND	Pass
Acequinocyl	2.00	0.10	ND	Pass
Acetamiprid	0.20	0.10	ND	Pass
Aldicarb	0.40	0.10	ND	Pass
Azadirachtin	1.00	0.08	ND	Pass
Azoxystrobin	0.20	0.10	ND	Pass
Bifenazate	0.20	0.10	ND	Pass
Bifenthrin	0.20	0.10	ND	Pass
Boscalid	0.40	0.10	ND	Pass
Captan	1.00		TIC	Pass
Carbaryl	0.20	0.10	ND	Pass
Carbofuran	0.20	0.10	ND	Pass
Chlorantraniliprole	0.20	0.10	ND	Pass
Chlordane	1.00	0.10	ND	Pass
Chlorfenapyr	1.00	0.10	ND	Pass
Chlormequat chloride	1.00		TIC	Pass
Chlorpyrifos	0.20	0.10	ND	Pass
Clofentezine	0.20	0.10	ND	Pass
Coumaphos	1.00	0.10	ND	Pass
Cyfluthrin	1.00	0.50	ND	Pass
Cypermethrin	1.00	0.10	ND	Pass
Daminozide	1.00	0.10	ND	Pass
Diazinon	0.20	0.10	ND	Pass
Dichlorvos	1.00	0.10	ND	Pass

### Notes:

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## Pesticides

SOP 814-NY

Date/Time Tested: 02/06/2024 15:23

## Pass

Analyte	Limit	LOQ	Mass	Status
	µg/g	µg/g	µg/g	
Dimethoate	0.20	0.10	ND	Pass
Dimethomorph	1.00	0.10	ND	Pass
Ethoprophos	0.20	0.10	ND	Pass
Etofenprox	0.40	0.10	ND	Pass
Etoxazole	0.20	0.10	ND	Pass
Fenhexamid	1.00	0.10	ND	Pass
Fenoxycarb	0.20	0.10	ND	Pass
Fenpyroximate	0.40	0.10	ND	Pass
Fipronil	0.40	0.10	ND	Pass
Fonicamid	1.00	0.10	ND	Pass
Fludioxonil	0.40	0.10	ND	Pass
Hexythiazox	1.00	0.10	ND	Pass
Imazalil	0.20	0.10	ND	Pass
Imidacloprid	0.40	0.10	ND	Pass
Indolebutyric Acid	1.00	0.08	ND	Pass
Kresoxim Methyl	0.40	0.10	ND	Pass
Malathion	0.20	0.10	ND	Pass
Metalaxyl	0.20	0.10	ND	Pass
Methiocarb	0.20	0.10	ND	Pass
Methomyl	0.40	0.10	ND	Pass
Methyl Parathion	0.20	0.10	ND	Pass
Mevinphos	1.00	0.10	ND	Pass
MGK-264	0.20		TIC	Pass
Myclobutanil	0.20	0.10	ND	Pass
Naled	0.50	0.10	ND	Pass

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## Pesticides

SOP 814-NY

Date/Time Tested: 02/06/2024 15:23

## Pass

Analyte	Limit	LOQ	Mass	Status
	µg/g	µg/g	µg/g	
Oxamyl	1.00	0.10	ND	Pass
Paclobutrazol	0.40	0.10	ND	Pass
Pentachloronitrobenzene	1.00	0.10	ND	Pass
Permethrins [M+NH4] Total	0.20	0.10	ND	Pass
Phosmet	0.20	0.10	ND	Pass
Piperonyl Butoxide	2.00	0.10	ND	Pass
Prallethrin	0.20	0.10	ND	Pass
Propiconazole	0.40	0.10	ND	Pass
Propoxur	0.20	0.10	ND	Pass
Pyrethrins Total	1.00	0.07	ND	Pass
Pyridaben	0.20	0.10	ND	Pass
Spinetoram Total	1.00	0.10	ND	Pass
Spinosad Total	0.20	0.10	ND	Pass
Spiromesifen	0.20	0.10	ND	Pass
Spirotetramat	0.20	0.10	ND	Pass
Spiroxamine	0.20	0.10	ND	Pass
Tebuconazole	0.40	0.10	ND	Pass
Thiacloprid	0.20	0.10	ND	Pass
Thiamethoxam	0.20	0.10	ND	Pass
Trifloxystrobin	0.20	0.10	ND	Pass

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 Sampling SOP 204-NY

**Ayrloom 1:1 Orchard Sunrise**  
 Ingestible, Soft Chew



## Microbials

◆SOP 401-NY    ◆SOP 619-NY

Date/Time Tested: 02/03/2024 15:35

Analyte	LOQ	Limit	Units	Status
Total Viable Aerobic Bacteria (3M)	CFU/g 1000	CFU/g 10000	CFU/g <LOQ	Pass
Total Yeast & Mold (3M)	100	1000	<LOQ	Pass
STEC E. Coli (PDx)		Absent	Absent	Pass
Aspergillus fumigatus		Absent	Absent	Pass
Aspergillus niger		Absent	Absent	Pass
Aspergillus terreus		Absent	Absent	Pass
Aspergillus flavus		Absent	Absent	Pass
Salmonella Species (PDx)		Absent	Absent	Pass

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Ingestible, Soft Chew



## Heavy Metals

 SOP 250-NY  
 Date/Time Tested: 02/06/2024 14:51

# Pass

Analyte	Limit	LOQ	Mass	Status
	µg/g	µg/g	µg/g	
Antimony	120.000	0.240	ND	Pass
Arsenic	1.500	0.200	ND	Pass
Cadmium	0.500	0.200	ND	Pass
Chromium	1100.000	0.240	ND	Pass
Copper	300.000	0.240	0.654	Pass
Lead	0.500	0.240	ND	Pass
Mercury	3.000	0.048	ND	Pass
Nickel	20.000	0.240	ND	Pass

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Ingestible, Soft Chew



## Mycotoxins

SOP 808-NY  
Date/Time Tested: 02/07/2024 05:21**Pass**

Analyte	Mass	Limit	LOQ	Status
Ochratoxin A	ng/g ND	ng/g 20	ng/g 5.0	Pass
Total Aflatoxins	ng/g ND	ng/g 20	ng/g 5.0	Pass

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Ingestible, Soft Chew



## Moisture/Water Activity

♦SOP 205-NY, ♦SOP 206-NY

Water Activity Date/Time Tested: 02/06/2024 16:02

**0.70 aw**  
0.85 Limit  
*Pass*  
**Water Activity**

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