



## Certificate of Analysis

Sample: 2401ACTNY0048.0246

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

05/04/2024

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Kimberly Krisolofsky  
Lead Technical Director

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Date

## Gen V Labs, LLC

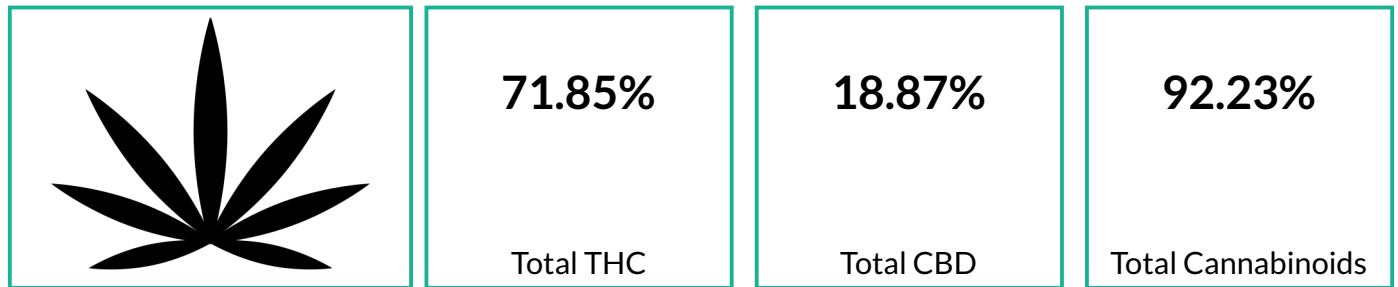
4473 Cherry Valley Turnpike  
Lafayette, NY 13084  
caitlinb@beakandskiff.com  
(607) 283-3623

## Sample: 2401ACTNY0048.0246

Strain: Calm  
Batch#: 012625 V0195; Batch Size: 10000 units  
Sample Received: 01/30/2024 09:57  
Report Created: 05/04/2024 05:55 pm  
Sampling SOP 204-NY

## Ayrloom 'Calm' Vape

Concentrates & Extracts, Vape



## Cannabinoids

Method SOP 801-NY  
Date/Time Tested: 01/31/2024 15:07

Complete

Analyte	LOQ		%	mg/dose
	ug/mL	mg/g		
CBDV	0.50	ND	ND	ND
CBDa	0.50	ND	ND	ND
CBGa	0.50	ND	ND	ND
CBG	0.50	15.10	1.51	0.10
CBD	0.50	188.70	18.87	0.90
THCV	0.50	<LOQ	<LOQ	<LOQ
CBN	0.50	<LOQ	<LOQ	<LOQ
CBNa	0.50	ND	ND	ND
Δ9-THC	0.50	718.50	71.85	3.60
Δ8-THC	0.50	ND	ND	ND
(6aR,9S)-d10-THC	0.50	ND	ND	ND
(6aR,9R)-d10-THC	0.50	ND	ND	ND
CBC	0.50	<LOQ	<LOQ	<LOQ
THCa	0.50	ND	ND	ND
<b>Total</b>		<b>922.30</b>	<b>92.23</b>	<b>4.60</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 'Calm' Vape

Concentrates & Extracts, Vape



### Terpenes

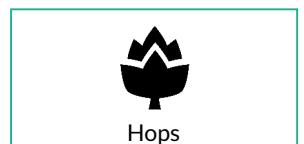
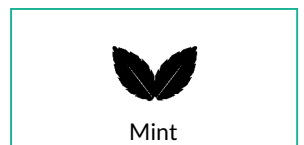
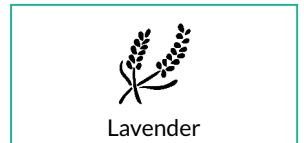
♦SOP 620-NY

Date/Time Tested: 02/02/2024 15:41

Analyte	LOQ	Mass	Mass
	ug/mL	%	mg/g
Linalool	4.0	1.716	17.160
S (-) Limonene	4.0	1.658	16.577
trans-Caryophyllene	4.0	0.459	4.592
α-Phellandrene	4.0	0.359	3.592
β-Myrcene	4.0	0.340	3.398
trans-Nerolidol	4.0	0.153	1.535
α-Bisabolol	4.0	0.086	0.857
Caryophyllene Oxide	4.0	0.079	0.793
Nerol	4.0	0.046	0.460
Valencene	4.0	0.032	0.318
α-Humulene	4.0	0.031	0.310
α-Terpinene	4.0	0.022	0.221
Farnesene	4.0	0.020	0.197
Guaiol	4.0	0.019	0.191
p-Cymene	4.0	0.019	0.188
Ocimene	4.0	0.018	0.181
α-Cedrene	4.0	ND	ND
α-Pinene	4.0	ND	ND
α-Terpineol	4.0	ND	ND
β-Pinene	4.0	ND	ND
Borneol	4.0	ND	ND
Camphene	4.0	ND	ND
Camphor	4.0	ND	ND
Cedrol	4.0	ND	ND
cis-Nerolidol	4.0	ND	ND
δ-3-Carene	4.0	ND	ND
Eucalyptol	4.0	<LOQ	<LOQ
Fenchol	4.0	ND	ND
Fenchone	4.0	ND	ND
γ-Terpinene	4.0	ND	ND
Geraniol	4.0	ND	ND
Geranyl Acetate	4.0	ND	ND
Isoborneol	4.0	ND	ND
Isopulegol	4.0	ND	ND
Menthol	4.0	ND	ND
Pulegone	4.0	<LOQ	<LOQ
Sabinene	4.0	ND	ND
Sabinene Hydrate	4.0	ND	ND
Terpinolene	4.0	ND	ND

Pass

### Primary Aromas



**5.06%**  
Total Terpenes

Notes:

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 caitlinb@beakandskiff.com  
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 Batch#: 012625 V0195; Batch Size: 10000 units  
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 Report Created: 05/04/2024 05:55 pm  
 Sampling SOP 204-NY

## Ayrloom 'Calm' Vape

Concentrates &amp; Extracts, Vape



## Residual Solvents

SOP 612-NY

Date/Time Tested: 01/31/2024 19:33

**Pass**

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	<LOQ	Pass
Dimethyl Sulfoxide		5000	ND	Pass
Ethanol	200	5000	ND	Pass
Ethyl-Acetate	200	5000	ND	Pass
Ethyl-Ether	20	5000	ND	Pass
Heptane	20	5000	53	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	<LOQ	Pass
Xylenes	26	2170	ND	Pass

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 Sampling SOP 204-NY

## Ayrloom 'Calm' Vape

Concentrates &amp; Extracts, Vape



## Pesticides

SOP 814-NY

Date/Time Tested: 02/03/2024 16:30

**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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SOP 814-NY

Date/Time Tested: 02/03/2024 16:30

**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
Etoazole	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
Flonicamid	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: 02/03/2024 16:30

## 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 'Calm' Vape**  
 Concentrates & Extracts, Vape



## Microbials

◆SOP 401-NY ◆SOP 619-NY

Date/Time Tested: 01/31/2024 16:25

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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## Ayrloom 'Calm' Vape

Concentrates &amp; Extracts, Vape



## Heavy Metals

SOP 250-NY

Date/Time Tested: 02/01/2024 10:52

# Pass

Analyte	Limit	LOQ	Mass	Status
	µg/g	µg/g	µg/g	
Antimony	2.000	0.240	ND	Pass
Arsenic	0.200	0.200	ND	Pass
Cadmium	0.300	0.200	ND	Pass
Chromium	110.000	0.240	ND	Pass
Copper	30.000	0.240	ND	Pass
Lead	0.500	0.240	ND	Pass
Mercury	0.100	0.048	ND	Pass
Nickel	2.000	0.240	ND	Pass

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## Ayrloom 'Calm' Vape

Concentrates &amp; Extracts, Vape



## Mycotoxins

SOP 808-NY

Date/Time Tested: 02/03/2024 08:46

Pass

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

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