

Gen V  
 Order No.: ONYGVL0919-0009032  
 4473 Cherry Valley Turnpike  
 New York, 13084  
 info@ayrloom.com  
 3157077760  
 OCM-PROC-24-000068

Sample: SNYGVL0919-CVAP-0019222  
 Strain: Alaskan Thunder Fuck, Unit Weight: 1.0000g  
 Batch#: 091826-V0565-1.0, Batch Size: 4500 Units  
 Date Sampled: 09/19/2025 10:14  
 Sample Received: 09/19/2025 14:18  
 Report Created: 09/24/2025 21:14  
 Sampling SOP 204

Ayrloom Alaskan Thunder Fuck 1.0g  
 Concentrates & Extracts, Vape



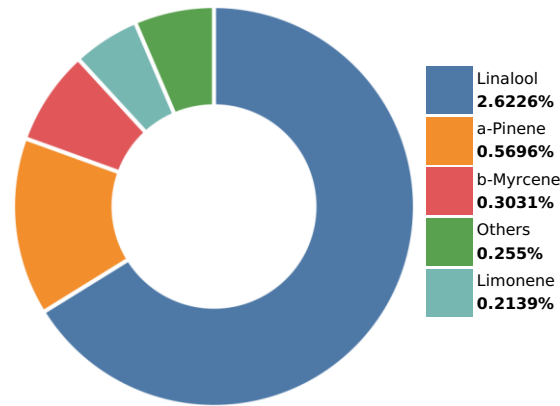
## Results

<b>4.35 mg/dose</b> D9-THC	<b>0.17 mg/dose</b> CBG
<b>0 mg/dose</b> Total CBD	<b>4.35 mg/dose</b> Total THC
<b>4.57 mg/dose</b> Total Cannabinoids	<b>3.964%</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>Foreign Matter</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: SOP 801-NY  
 Date/Time Tested: 09/20/2025 17:45

Tested

Analyte	LOQ (ug/mL)	%	mg/g	mg/dose	mg/unit
CBDV	4,649.82	ND	ND	ND	ND
CBDa	4,649.82	ND	ND	ND	ND
CBGa	4,649.82	ND	ND	ND	ND
CBG	4,649.82	<b>3.43</b>	<b>34.32</b>	<b>0.17</b>	<b>34.32</b>
CBD	4,649.82	< LOQ	< LOQ	< LOQ	< LOQ
THCV	4,649.82	< LOQ	< LOQ	< LOQ	< LOQ
CBN	4,649.82	<b>1.10</b>	<b>11.02</b>	<b>0.06</b>	<b>11.02</b>
D9-THC	4,649.82	<b>86.93</b>	<b>869.27</b>	<b>4.35</b>	<b>869.27</b>
D8-THC	4,649.82	ND	ND	ND	ND
(6aR,9S)-d10-THC	4,649.82	ND	ND	ND	ND
(6aR,9R)-d10-THC	4,649.82	ND	ND	ND	ND
CBC	4,649.82	< LOQ	< LOQ	< LOQ	< LOQ
THCa	4,649.82	ND	ND	ND	ND
Total CBD		0.00	0.00	0.00	0.00
Total THC		<b>86.93</b>	<b>869.27</b>	<b>4.35</b>	<b>869.27</b>
Total Cannabinoids		<b>91.46</b>	<b>914.61</b>	<b>4.57</b>	<b>914.61</b>

### Report 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: SOP 401-NY SOP 418-NY  
 Instrument: 35C Incubator - 1032 / 28C Incubator - 1034 / BioRad CFX  
 qPCR - 3195  
 Date/Time Tested: 09/20/2025 15:37

Pass

Analyte	LOQ (CFU/g)	Limit (CFU/g)	CFU/g	Status	Analyte	LOQ (CFU/g)	Limit (CFU/g)	CFU/g	Status
Aerobic Bacteria	100	10,000	ND	Passed	Aspergillus Flavus	0	ND	0	Passed
E. Coli		0	ND	Passed	Aspergillus Fumigatus	0	ND	0	Passed
Yeast & Mold	100	1,000	ND	Passed	Aspergillus Niger	0	ND	0	Passed
Salmonella		0	ND	Passed	Aspergillus Terreus	0	ND	0	Passed

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Ayrloom Alaskan Thunder Fuck 1.0g  
 Concentrates & Extracts, Vape



## Terpenes

SOP: SOP 620-NY

Instrument: Agilent GC-FID 1950 - 1950

Date/Time Tested: 09/21/2025 09:31

Pass

Analyte	LOQ (ug/mL)	Limit (ug/mL)	%	Status	Analyte	LOQ (ug/mL)	Limit (ug/mL)	%	Status
Total Terpenes		115,000	<b>3.9637</b>	Passed	Isopulegol	164		ND	Tested
Linalool	164		<b>2.6226</b>	Tested	Camphor	164		ND	Tested
a-Pinene	164		<b>0.5696</b>	Tested	Isoborneol	164		ND	Tested
b-Myrcene	164		<b>0.3031</b>	Tested	DL-Menthol	164		ND	Tested
Limonene	164		<b>0.2139</b>	Tested	Borneol	164		ND	Tested
b-Caryophyllene	164		<b>0.1128</b>	Tested	Terpineol	164		ND	Tested
Terpinolene	164		<b>0.0891</b>	Tested	Nerol	164		ND	Tested
a-Humulene	164		<b>0.0321</b>	Tested	Pulegone	164		ND	Tested
b-Pinene	164		<b>0.0205</b>	Tested	Geraniol	164		ND	Tested
Camphene	164		< LOQ	Tested	Geranyl Acetate	164		ND	Tested
Sabinene	164		ND	Tested	a-Cedrene	164		ND	Tested
a-Phellandrene	164		ND	Tested	Valencene	164		ND	Tested
d-3-Carene	164		ND	Tested	cis-Nerolidol	164		ND	Tested
a-Terpinene	164		ND	Tested	trans-Nerolidol	164		ND	Tested
p-Cymene	164		ND	Tested	Guaiol	164		< LOQ	Tested
Eucalyptol	164		ND	Tested	Caryophyllene Oxide	164		< LOQ	Tested
g-Terpinene	164		ND	Tested	Cedrol	164		ND	Tested
Fenchol	164		ND	Tested	a-Bisabolol	164		ND	Tested
Sabinene Hydrate	164		ND	Tested	trans-b-Ocimene	164		ND	Tested
Fenchone	164		ND	Tested	trans-b-Farnesene	164		ND	Tested

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 Concentrates & Extracts, Vape



## Residual Solvents

SOP: SOP 612-NY

Instrument: MS - 2544 / HS - 2542 / Agilent HS-GC-MS 2543 - 2543

Date/Time Tested: 09/20/2025 18:40

Pass

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
1,2-Dichloroethane	2	5	ND	Passed
Acetone	38	5,000	< LOQ	Passed
Acetonitrile	15	410	ND	Passed
Benzene	2	2	ND	Passed
Butane	38	5,000	ND	Passed
Chloroform	2	60	ND	Passed
Ethanol	190	5,000	ND	Passed
Ethyl Acetate	190	5,000	ND	Passed
Ethyl Ether	19	5,000	ND	Passed
DMSO	95	5,000	ND	Passed
Heptane	19	5,000	ND	Passed
Hexanes	6	290	ND	Passed
Isopropyl Alcohol	190	5,000	ND	Passed
Methanol	114	3,000	ND	Passed
Methylene Chloride	2	600	ND	Passed
Pentanes	57	5,000	ND	Passed
Propane	19	5,000	ND	Passed
Toluene	3	890	ND	Passed
Trichloroethane	48	1,500	ND	Passed
Xylenes	251	2,170	ND	Passed
1,1,1,2-Tetrafluoroethane (HFC-134a)	19	1,000	ND	Passed

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## Mycotoxins

**SOP:** SOP 808-NY  
**Instrument:** Agilent LCMS 2546 - 2546  
**Date/Time Tested:** 09/21/2025 17:33

Pass

Analyte	LOQ (ng/g)	Limit (ng/g)	ng/g	Status
B1	4.7		ND	Tested
B2	4.7		ND	Tested
G1	4.7		ND	Tested
G2	4.7		ND	Tested
Ochratoxin A	4.7	20.0	ND	Passed
Total Aflatoxins		20.0	ND	Passed
Total Mycotoxins			ND	Tested

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## Heavy Metals

**SOP:** SOP 250-NY  
**Instrument:** Agilent 7800 ICP-MS - 2594  
**Date/Time Tested:** 09/22/2025 10:55

Pass

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
Antimony	0.169	2.000	ND	Passed
Arsenic	0.169	0.200	ND	Passed
Cadmium	0.169	0.200	ND	Passed
Chromium	0.169	110.000	ND	Passed
Copper	0.203	30.000	ND	Passed
Mercury	0.041	0.100	ND	Passed
Nickel	0.203	2.000	ND	Passed
Lead	0.169	0.500	ND	Passed

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Pass

## Pesticides

**SOP:** SOP 814-NY  
**Instrument:** Agilent GCMS 2541 - 2541  
**Date/Time Tested:** 09/21/2025 18:00

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
Abamectin	0.36	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	0.12	1.00	ND	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



\* indicates a subcontracted result. † indicates a result not regulated by OCM. ♦ indicates ISO/IEC 17025:2017 accreditation is pending. This sample has been tested by ACT Laboratories using valid, ISO/IEC 17025:2017 accredited testing methodologies and a quality system as required by state law. Values reported relate only to the sample tested. Results are deemed acceptable if they fall within the specified acceptance criteria as defined by the applicable regulatory limit or client specification, with no measurement uncertainty applied. 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 address.



# Certificate of Analysis

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

Compliance

Adult Use

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Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
Methomyl	0.09	0.40	ND	Passed
MGK-264	0.01	0.20	ND	Passed
Myclobutanil	0.09	0.20	ND	Passed
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	<b>0.25</b>	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	0.12	1.00	ND	Passed
Chlormequat Chloride	0.02	1.00	ND	Passed

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**Kimberly Krisolofsky**  
 Lead Technical Director

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