

## Vireo Health

Order No.: ONYVHTH0709-0007535  
 256 County Route 117  
 New York, 12095  
 5187057399

## Sample: SNYVHTH0709-PFCU-0016763

Strain: Chem x Chocolate, Unit Weight: 3.5000g  
 Batch#: H246WF, Batch Size: 6426  
 Sample Received: 07/09/2025 14:54  
 Report Created: 07/14/2025 20:31  
 Sampling SOP 204-NY

1937 Flower Hybrid 3.5g Chem X Chocolate  
 Plant, Flower - Cured



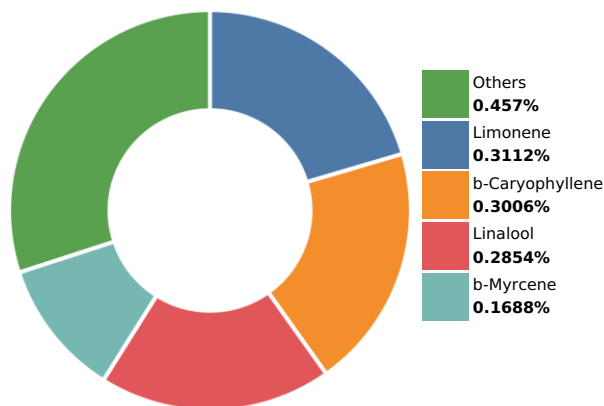
## Results

<b>779.45 mg/unit</b> THCa	<b>35.17 mg/unit</b> D9-THC
<b>ND</b> Total CBD	<b>718.75 mg/unit</b> Total THC
<b>829.64 mg/unit</b> Total Cannabinoids	<b>1.523%</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> Not Tested
<b>Terpenes</b> Pass	<b>Residual Solvents</b> Not Tested	<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: 07/10/2025  
 17:58

Tested

Analyte	LOQ (ug/mL)	%	mg/g	mg/unit
CBDV	1,946.19	ND	ND	ND
CBDa	1,937.32	ND	ND	ND
CBGa	1,946.19	<b>0.43</b>	<b>4.29</b>	<b>15.01</b>
CBG	1,946.19	< LOQ	< LOQ	< LOQ
CBD	1,961.54	ND	ND	ND
THCV	1,961.54	ND	ND	ND
CBN	1,937.32	ND	ND	ND
D9-THC	1,937.32	<b>1.00</b>	<b>10.05</b>	<b>35.17</b>
D8-THC	1,937.32	ND	ND	ND
(6aR,9S)-d10-THC	1,961.54	< LOQ	< LOQ	< LOQ
(6aR,9R)-d10-THC	1,937.32	ND	ND	ND
CBC	1,937.32	ND	ND	ND
THCa	1,937.32	<b>22.27</b>	<b>222.70</b>	<b>779.45</b>
Total CBD		ND	ND	ND
Total THC		<b>20.54</b>	<b>205.36</b>	<b>718.75</b>
Total Cannabinoids		<b>23.70</b>	<b>237.04</b>	<b>829.64</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

SOP 205-NY  
 Date/Time Tested: 07/11/2025  
 12:29

Pass

Analyte	Limit (%)	%	Status
Moisture	15	<b>11.8</b>	Passed

### Microbials

SOP 401-NY SOP 418-NY  
 Date/Time Tested: 07/11/2025  
 20:35

Pass

Analyte	LOQ (CFU/g)	Limit (CFU/g)	CFU/g	Status
Aerobic Bacteria	100	100,000	ND	Passed
E. Coli		0	ND	Passed
Yeast & Mold	100	10,000	<b>2,031</b>	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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### Water Activity

SOP 206-NY  
 Date/Time Tested: 07/11/2025  
 12:30

Pass

Analyte	Limit (aw)	aw	Status
Water Activity	0.65	<b>0.57</b>	Passed

### Foreign Matter

SOP 203-NY  
 Date/Time Tested: 07/11/2025  
 14:43

Pass

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

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## Terpenes

SOP 620-NY  
 Date/Time Tested: 07/12/2025 09:03

Pass

Analyte	LOQ (ug/mL)	Limit (ug/mL)	%	Status	Analyte	LOQ (ug/mL)	Limit (ug/mL)	%	Status
Total Terpenes		115,000	<b>1.5226</b>	Passed	Isoborneol	75		ND	Tested
Limonene	75		<b>0.3112</b>	Tested	DL-Menthol	75		ND	Tested
b-Caryophyllene	75		<b>0.3006</b>	Tested	Isopulegol	75		ND	Tested
Linalool	75		<b>0.2854</b>	Tested	Nerol	75		ND	Tested
b-Myrcene	75		<b>0.1688</b>	Tested	Pulegone	75		ND	Tested
a-Humulene	75		<b>0.0977</b>	Tested	Geraniol	75		ND	Tested
b-Pinene	75		<b>0.0580</b>	Tested	Terpinolene	75		< LOQ	Tested
a-Bisabolol	75		<b>0.0470</b>	Tested	a-Cedrene	75		ND	Tested
trans-Nerolidol	75		<b>0.0437</b>	Tested	p-Cymene	75		ND	Tested
cis-Nerolidol	75		<b>0.0432</b>	Tested	a-Terpinene	75		ND	Tested
Terpineol	75		<b>0.0420</b>	Tested	Valencene	75		ND	Tested
Fenchol	75		<b>0.0386</b>	Tested	d-3-Carene	75		ND	Tested
a-Pinene	75		<b>0.0324</b>	Tested	a-Phellandrene	75		ND	Tested
Caryophyllene Oxide	75		<b>0.0198</b>	Tested	Guaiol	75		ND	Tested
trans-b-Farnesene	75		<b>0.0143</b>	Tested	Fenchone	75		< LOQ	Tested
Borneol	75		<b>0.0111</b>	Tested	Cedrol	75		ND	Tested
Camphene	75		<b>0.0091</b>	Tested	Sabinene	75		ND	Tested
Geranyl Acetate	75		ND	Tested	trans-b-Ocimene	75		ND	Tested
Sabinene Hydrate	75		ND	Tested	g-Terpinene	75		ND	Tested
Camphor	75		ND	Tested	Eucalyptol	75		ND	Tested

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## Mycotoxins

SOP 808-NY  
 Date/Time Tested: 07/10/2025 16:45

Pass

Analyte	LOQ (ng/g)	Limit (ng/g)	ng/g	Status
B1	4.9		ND	Tested
B2	4.9		ND	Tested
G1	4.9		ND	Tested
G2	4.9		ND	Tested
Ochratoxin A	4.9	20.0	ND	Passed
Total Aflatoxins		20.0	ND	Passed
Total Mycotoxins			ND	Tested

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## Heavy Metals

SOP 250-NY  
 Date/Time Tested: 07/10/2025 10:20

Pass

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
Antimony	0.186	2.000	ND	Passed
Arsenic	0.186	0.200	ND	Passed
Cadmium	0.186	0.200	ND	Passed
Chromium	0.186	110.000	< LOQ	Passed
Copper	0.223	30.000	<b>5.746</b>	Passed
Mercury	0.045	0.100	ND	Passed
Nickel	0.223	2.000	< LOQ	Passed
Lead	0.186	0.500	ND	Passed

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## Pesticides

SOP 814-NY  
 Date/Time Tested: 07/09/2025 10:10

Pass

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
Abamectin	0.38	0.50	ND	Passed
Acephate	0.10	0.40	ND	Passed
Acequinocyl	0.10	2.00	ND	Passed
Acetamiprid	0.10	0.20	ND	Passed
Aldicarb	0.10	0.40	ND	Passed
Azoxystrobin	0.10	0.20	ND	Passed
Bifenazate	0.10	0.20	ND	Passed
Bifenthrin	0.10	0.20	ND	Passed
Boscalid	0.10	0.40	ND	Passed
Carbaryl	0.10	0.20	ND	Passed
Carbofuran	0.10	0.20	ND	Passed
Chlorantraniliprole	0.10	0.20	ND	Passed
Chlorpyrifos	0.10	0.20	ND	Passed
Clofentezine	0.10	0.20	ND	Passed
Coumaphos	0.10	1.00	ND	Passed
Cyfluthrin	0.49	1.00	ND	Passed
Cypermethrin	0.10	1.00	ND	Passed
Daminozide	0.10	1.00	ND	Passed
Diazinon	0.10	0.20	ND	Passed
Dichlorvos	0.10	1.00	ND	Passed
Dimethoate	0.10	0.20	ND	Passed
Dimethomorph	0.10	1.00	ND	Passed
Ethoprophos	0.10	0.20	ND	Passed
Etofenprox	0.10	0.40	ND	Passed
Etoxazole	0.10	0.20	ND	Passed
Fenhexamid	0.10	1.00	ND	Passed
Fenoxycarb	0.10	0.20	ND	Passed
Fenpyroximate	0.10	0.40	ND	Passed
Fipronil	0.10	0.40	ND	Passed
Fonicamid	0.10	1.00	ND	Passed
Fludioxonil	0.10	0.40	ND	Passed
Hexythiazox	0.10	1.00	ND	Passed
Imazalil	0.10	0.20	ND	Passed
Imidacloprid	0.10	0.40	ND	Passed
Indole-3 Butyric Acid	0.12	1.00	ND	Passed
Kresoxim Methyl	0.10	0.40	ND	Passed
Malathion	0.10	0.20	ND	Passed
Mevinphos	0.10	1.00	ND	Passed
Metalaxyl	0.10	0.20	ND	Passed
Methiocarb	0.10	0.20	ND	Passed
Methomyl	0.10	0.40	ND	Passed

**Kimberly Krisolofsky**  
 Lead Technical Director

\* indicates a subcontracted result. † indicates a result not regulated by OCM. ♦ indicates ISO/IEC 17025:2017 accreditation is pending This product has been tested by ACT Laboratories using valid, ISO/IEC 17025:2017 accredited testing methodologies and a quality system as required by state law. Results apply to the sample as received. Values reported relate only to the product tested. 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.

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Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
MGK-264	0.01	0.20	ND	Passed
Myclobutanil	0.10	0.20	ND	Passed
Naled	0.10	0.50	ND	Passed
Oxamyl	0.10	1.00	ND	Passed
Paclobutrazol	0.10	0.40	ND	Passed
Permethrin	0.10	0.20	ND	Passed
Phosmet	0.10	0.20	ND	Passed
Piperonyl Butoxide	0.10	2.00	ND	Passed
Prallethrin	0.10	0.20	ND	Passed
Propiconazole	0.10	0.40	ND	Passed
Propoxur	0.10	0.20	ND	Passed
Pyrethrins	0.07	1.00	ND	Passed
Pyridaben	0.10	0.20	ND	Passed
Spinetoram	0.10	1.00	ND	Passed
Spinosyn AD	0.10	0.20	ND	Passed
Spiromesifen	0.10	0.20	ND	Passed
Spirotetramat	0.10	0.20	ND	Passed
Spiroxamine	0.10	0.20	ND	Passed
Tebuconazole	0.10	0.40	ND	Passed
Thiacloprid	0.10	0.20	ND	Passed
Thiamethoxam	0.10	0.20	ND	Passed
Trifloxystrobin	0.10	0.20	ND	Passed
Captan		1.00	TIC	Passed
Methyl Parathion	0.10	0.20	ND	Passed
Chlordane	0.10	1.00	ND	Passed
Chlorfenapyr	0.10	1.00	ND	Passed
PCNB	0.10	1.00	ND	Passed
Azadirachtin	0.12	1.00	ND	Passed
Chlormequat Chloride	0.02	1.00	ND	Passed

**Notes:**

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