

# Certificate Of Analysis

## Results Summary

**Client Name:** Hudson Valley Hemp Company, LLC

**Contact Name:** Lucas Seymour

**Address:** 67 Pine Wood Rd  
Hudson, NY 12534

**Phone:** 518-567-2247

**License Number:** OCM-AUCC-22-000064/OCM-AUCP-22-000019

**Sample Description:** Dior 7 Pack

**Lot Number:** HC-P-C0524

**Regulatory Category:** Adult Use

**Sample Matrix:** Un-Extracted

**Delivery Method:** Inhalation

**Sample Type:** Flower

**Sample Subtype:** Preroll

**Sampling Site:** 67 Pine Wood Rd, Hudson, NY 12534

**Sampling Date and Time:** 03/06/2024 02:04 PM

### Cannabinoids Profile

#### Terpenes

Trace Metals	PASS
Mycotoxins	PASS
Pesticides LC	PASS
Pesticides GC	PASS
Microbial Impurities (MDG for STEC, Salmonella, Asp sp.)	PASS
Microbial Impurities (Total Aerobic Bacteria/CDP-TC)	PASS
Microbial Impurities (Total Yeast and Mold/CDP-YMR)	PASS
Filth and Foreign Material	PASS
Moisture Content	PASS
Water Activity	PASS

# Certificate Of Analysis

## Cannabinoids Profile

**Date analyzed:** 03/13/2024

**Method:** NY.SOP.T.40.260

**Analyst:** Stephanie Knapp

**Date started:** 03/11/2024 09:54 AM

Analyte	Result (%w/w)	LOQ (µg/mL)	Result (mg/serving)
Cannabichromene (CBC)	<LOQ	0.5	<LOQ
Cannabidiol (CBD)	<LOQ	0.5	<LOQ
Cannabidivarin (CBDV)	<LOQ	0.5	<LOQ
Cannabigerol (CBG)	0.18	0.5	0.9
Cannabigerolic acid (CBGA)	1.65	0.5	8.24
Cannabinadiolic acid (CBDA)	0.08	0.5	0.4
Cannabinol (CBN)	<LOQ	0.5	<LOQ
Tetrahydrocannabinolic acid (THCA)	27.87	0.5	139.33
Tetrahydrocannabivarin (THCV)	<LOQ	0.5	<LOQ
Tetrahydrocannabivarinic Acid (THCVA)	0.79	0.5	3.95
Δ10-THC-RR	<LOQ	0.5	<LOQ
Δ10-THC-RS	<LOQ	0.5	<LOQ
Δ8-THC	<LOQ	0.5	<LOQ
Δ9-THC	0.58	0.5	2.88
Total Active Cannabidiol (CBD)	0.07	-	0.35
Total Active Cannabigerol (CBG)	1.63	-	8.13
Total Active Tetrahydrocannabinol (THC)	25.02	-	125.07
Total Active Tetrahydrocannabivarin (THCV)	0.68	-	3.42
Total Active Cannabinoids	27.4	-	136.97

*Note: Total Active CBD = CBD + (0.877 x CBDA); Total Active CBG = CBG + (0.878 x CBGA); Total Active THC = (Δ9THC + Δ8THC + Δ10THC-RS + Δ10THC-RR) + (0.877 x THCA); Total Active THCV = THCV + (0.867 x THCVA)*

Analyzed by HPLC

# Certificate Of Analysis

## Terpenes

**Date analyzed:** 03/11/2024

**Method:** NY.SOP.T.40.090

**Analyst:** Stephanie Knapp

**Date started:** 03/08/2024 02:52 PM

Analyte	Result (%w/w)	LOQ
3-Carene	<LOQ	0.02
alpha-Bisabolol	0.06	0.02
alpha-Humulene	0.29	0.03
alpha-Phellandrene	<LOQ	0.03
alpha-Pinene	<LOQ	0.02
alpha-Terpinene	<LOQ	0.01
alpha-Terpineol	0.03	0.02
beta-Myrcene	0.04	0.03
beta-Pinene	0.03	0.03
Borneol	<LOQ	0.02
Camphene	<LOQ	0.02
Camphor	<LOQ	0.02
Caryophyllene oxide	0.03	0.03
Cedrene	<LOQ	0.02
Cedrol	<LOQ	0.03
cis-Nerolidol	0.03	0.03
cis-Ocimene	<LOQ	0.03
Eucalyptol	<LOQ	0.04
Farnesene	<LOQ	0.04
Fenchol	0.04	0.02
Fenchone	<LOQ	0.03
gamma-Terpinene	<LOQ	0.02
gamma-Terpineol	<LOQ	0.02
Geraniol	<LOQ	0.02
Geranyl Acetate	<LOQ	0.03

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Guaiol	0.04	0.03
Isoborneol	<LOQ	0.02
Isopulegol	<LOQ	0.03
Limonene	0.23	0.04
Linalool	0.09	0.02
Menthol	<LOQ	0.02
Nerol	<LOQ	0.03
Pulegone	<LOQ	0.03
Sabinene	0.04	0.02
Sabinene Hydrate	<LOQ	0.02
Terpinolene	<LOQ	0.02
trans-b-Ocimene	<LOQ	0.02
trans-Caryophyllene	0.95	0.03
trans-Nerolidol	<LOQ	0.04
Valencene	<LOQ	0.03
TOTAL (%)	1.9	Overall Status (PASS/FAIL)
Inhalable Limit (%)	10	<b>PASS</b>

Analyzed by GCMS

V151.15

# Certificate Of Analysis

## Trace Metals

**PASS**

**Date analyzed:** 03/11/2024

**Method:** NY.SOP.T.40.050

**Analyst:** Moni Kaneti

**Date started:** 03/08/2024 04:21 PM

Analyte	Result (µg/g)	LOQ	Allowable Limit	Pass/Fail
Antimony (Sb)	<LOQ	0.13	2	PASS
Arsenic (As)	<LOQ	0.07	0.2	PASS
Cadmium (Cd)	0.152	0.06	0.3	PASS
Chromium (Cr)	<LOQ	0.36	110	PASS
Copper (Cu)	19.354	0.39	30	PASS
Lead (Pb)	<LOQ	0.08	0.5	PASS
Mercury (Hg)	<LOQ	0.01	0.1	PASS
Nickel (Ni)	0.488	0.11	5	PASS
Overall Status				PASS

Analyzed by ICP-MS

V114.36

# Certificate Of Analysis

## Mycotoxins

**PASS**

**Date analyzed:** 03/12/2024

**Method:** NY.SOP.T.40.180

**Analyst:** Destiny Ribadeneyra

**Date started:** 03/11/2024 07:52 AM

Analyte	Result (µg/g)	LOQ (µg/g)	Allowable Limit	Pass/Fail
Aflatoxin B1	<LOQ	0.001	0.02	PASS
Aflatoxin B2	<LOQ	0.002	0.02	PASS
Aflatoxin G1	<LOQ	0.001	0.02	PASS
Aflatoxin G2	<LOQ	0.002	0.02	PASS
Sum of Aflatoxins	0	-	0.02	PASS
Ochratoxin A	<LOQ	0.002	0.02	PASS
Overall Status				PASS

*Analysis Instrument* 30 LC-MS TQ

V141.7

# Certificate Of Analysis

## Pesticides LC

**PASS**

**Date analyzed:** 03/13/2024

**Method:** NY.SOP.T.040.270

**Analyst:** Stephanie Knapp

**Date started:** 03/12/2024 12:11 PM

Analyte	Result (µg/g)	LOQ	Allowable Limit	Pass/Fail
Abamectin	<LOQ	0.018	0.5	PASS
Acephate	<LOQ	0.007	0.4	PASS
Acequinocyl	<LOQ	0.016	2	PASS
Acetamiprid	<LOQ	0.005	0.2	PASS
Aldicarb	<LOQ	0.005	0.4	PASS
Azadirachtin	<LOQ	0.022	1	PASS
Azoxystrobin	<LOQ	0.006	0.2	PASS
Bifenazate	<LOQ	0.006	0.2	PASS
Bifenthrin	<LOQ	0.003	0.2	PASS
Boscalid	<LOQ	0.011	0.4	PASS
Carbaryl	<LOQ	0.006	0.2	PASS
Carbofuran	<LOQ	0.005	0.2	PASS
Chlorantraniliprole	<LOQ	0.006	0.2	PASS
Chlormequat chloride	<LOQ	0.019	1	PASS
Chlorpyrifos	<LOQ	0.009	0.2	PASS
Clofentezine	<LOQ	0.01	0.2	PASS
Daminozide	<LOQ	0.004	1	PASS
Diazinon	<LOQ	0.007	0.2	PASS
Dichlorvos	<LOQ	0.012	1	PASS
Dimethoate	<LOQ	0.006	0.2	PASS
Dimethomorph	<LOQ	0.005	1	PASS
Ethoprophos	<LOQ	0.013	0.2	PASS
Etofenprox	<LOQ	0.003	0.4	PASS
Etoxazole	<LOQ	0.005	0.2	PASS
Fenhexamid	<LOQ	0.015	1	PASS

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Fenoxycarb	<LOQ	0.011	0.2	PASS
Fenpyroximate	<LOQ	0.002	0.4	PASS
Flonicamid	<LOQ	0.007	1	PASS
Fludioxonil	<LOQ	0.017	0.4	PASS
Hexythiazox	<LOQ	0.005	1	PASS
Imidacloprid	<LOQ	0.008	0.4	PASS
Indole-3-butyric acid	<LOQ	0.007	1	PASS
Kresoxim methyl	<LOQ	0.012	0.4	PASS
Malathion	<LOQ	0.011	0.2	PASS
Metalaxyl	<LOQ	0.012	0.2	PASS
Methiocarb	<LOQ	0.004	0.2	PASS
Methomyl	<LOQ	0.012	0.4	PASS
Mevinphos	<LOQ	0.019	1	PASS
MGK-264	<LOQ	0.011	0.2	PASS
Myclobutanil	<LOQ	0.013	0.2	PASS
Naled	<LOQ	0.005	0.5	PASS
Oxamyl	<LOQ	0.008	1	PASS
Paclobutrazol	<LOQ	0.015	0.4	PASS
Permethrins, Total	<LOQ	0.009	0.2	PASS
Phosmet	<LOQ	0.007	0.2	PASS
Piperonyl Butoxide	<LOQ	0.006	2	PASS
Prallethrin	<LOQ	0.008	0.2	PASS
Propiconazole	<LOQ	0.006	0.4	PASS
Propoxur	<LOQ	0.008	0.2	PASS
Pyrethrins	<LOQ	0.014	1	PASS
Pyridaben	<LOQ	0.006	0.2	PASS
Spinetoram, Total	<LOQ	0.005	1	PASS
Spinosad, Total	<LOQ	0.006	0.2	PASS
Spiromesifen	<LOQ	0.013	0.2	PASS
Spirotetramat	<LOQ	0.006	0.2	PASS
Spiroxamine	<LOQ	0.004	0.2	PASS



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Tebuconazole	<LOQ	0.012	0.4	PASS
Thiacloprid	<LOQ	0.008	0.2	PASS
Thiamethoxam	<LOQ	0.008	0.2	PASS
Overall Status				PASS

Analysis Instrument 30 Agilent LS-MS TQ

V144.12

### Pesticides GC

**PASS**

Date analyzed: 03/13/2024

Method: NYS.SOP.T.040.271

Analyst: Destiny Ribadeneyra

Date started: 03/12/2024 12:11 PM

Analyte	Result (µg/g)	LOQ (µg/g)	Allowable Limit	Pass/Fail
Captan	<LOQ	0.3	1	PASS
Chlordane	<LOQ	0.07	1	PASS
Chlorfenapyr	<LOQ	0.1	1	PASS
Coumaphos	<LOQ	0.19	1	PASS
Cyfluthrin	<LOQ	0.11	1	PASS
Cypermethrin	<LOQ	0.24	1	PASS
Fipronil	<LOQ	0.17	0.4	PASS
Imazalil	<LOQ	0.17	0.2	PASS
Methyl parathion	<LOQ	0.09	0.2	PASS
Pentachloronitrobenzene	<LOQ	0.17	1	PASS
Trifloxystrobin	<LOQ	0.11	0.2	PASS
Overall Status				PASS

Analysis Instrument 141 GC/TQ

V177.8

# Certificate Of Analysis

## Microbial Impurities (MDG for STEC, Salmonella, Asp sp.)

**PASS**

Date analyzed: 03/11/2024

Method: NYS.SOP.T.40.273

Analyst: Kristy Lee

Date started: 03/07/2024 08:48 AM

Microbial Species	Microbial Type	Detection Status	Pass/Fail
Shiga toxin-producing Escherichia coli	Bacterial	Not Detected	PASS
Salmonella species	Bacterial	Not Detected	PASS
Aspergillus flavus	Fungal	Not Detected	PASS
Aspergillus niger	Fungal	Not Detected	PASS
Aspergillus terreus	Fungal	Not Detected	PASS
Aspergillus fumigatus	Fungal	Not Detected	PASS
		Overall Status	PASS

Analysis Instrument PCR

## Microbial Impurities (Total Aerobic Bacteria/CDP-TC)

**PASS**

Date analyzed: 03/08/2024

Method: NYS.SOP.T.040.200

Analyst: Kristy Lee

Date started: 03/07/2024 08:47 AM

Result (CFU/g)	LOQ	Allowable Limit	Pass/Fail
1400000	5	N/A	PASS

Analysis Instrument

87 Colony Counter

V149.8

# Certificate Of Analysis

## Microbial Impurities (Total Yeast and Mold/CDP-YMR)

**PASS**

Date analyzed: 03/11/2024

Method: NYS.SOP.T.040.200

Analyst: Kristy Lee

Date started: 03/07/2024 08:47 AM

Microbial Species	Result (cfu/g)	LOQ	Allowable Limit	Pass/Fail
Mold Count	<LOQ	5	N/A	PASS
Yeast Count	<LOQ	5	N/A	PASS
Total Yeast and Mold	<LOQ	5	N/A	PASS
Overall Status				PASS

Analysis Instrument

87 Colony Counter

V150.11

## Filth and Foreign Material

**PASS**

Date analyzed: 03/12/2024

Method: NYS.SOP.T.040.250

Analyst: Kristy Lee

Date started: 03/12/2024 01:54 PM

Analyte	Result	LOQ	Allowable Limit	Pass/Fail
Mammalian excreta (mg/lb)	0	0	1	PASS
Stems >3mm in diameter (%)	0	0	5	PASS
Other Foreign Material (%)	0	0	2	PASS
Overall Status				PASS

V142.8

# Certificate Of Analysis

## Moisture Content

**PASS**

**Date analyzed:** 03/11/2024

**Method:** NY.SOP.T.040.220

**Analyst:** Moni Kaneti

**Date started:** 03/08/2024 03:58 PM

Result (%)	LOQ	Allowable Limit	Pass/Fail
13	0.0	5.0 - 15.0	<b>PASS</b>

*Analysis Instrument*

V140.31

## Water Activity

**PASS**

**Date analyzed:** 03/08/2024

**Method:** NY.SOP.T.040.210

**Analyst:** Moni Kaneti

**Date started:** 03/07/2024 03:33 PM

Result (Aw)	LOQ	Allowable Limit	Pass/Fail
0.48	0.25	0.65	<b>PASS</b>

*Analyzed by Water Activity Meter*

V131.65

Sample Comment: N/A

*Alicia Caruso-Thomas*

Alicia Caruso-Thomas  
Laboratory Director  
03/13/2024