



261 Mountain View Dr
Colchester, VT 05446
License #: TLAB0030
802-767-7256
info@onwardanalytics.biz

Certificate of Analysis

Client Name: Pinnacle Valley Farms
License Number: CLTV0077

Sample ID: 20260827-35796
Sample Name: Midnight Terror (Blended Preroll)
Sample Lot: CLTV0077-100-0624
Sample Matrix: Flower
Date Received: 8/27/2026
Date Reported: 9/1/2026
Date Tested: 8/28/2026



Total Cannabinoids

	%	mg/g
Total THC:	24.999	249.990
Total CBD:	--	--
Total Cannabinoids:	30.716	307.155

Total theoretical CBD % = (CBD%) + (CBDA% * 0.877)
Total theoretical THC % = (delta-9-THC%) + (THCA% * 0.877)

Potency

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-102-OA) | Test ID: #117890

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.653	6.534	0.574	5.744	0.0002	0.0040
CBD	< LOQ	< LOQ	< LOQ	< LOQ	0.0008	0.0040
CBDA	ND	ND	ND	ND	0.0002	0.0040
CBDV	ND	ND	ND	ND	0.0008	0.0040
CBDVA	ND	ND	ND	ND	0.0001	0.0040
CBG	< LOQ	< LOQ	< LOQ	< LOQ	0.0009	0.0040
CBGA	1.749	17.486	1.537	15.370	0.0001	0.0040
CBN	ND	ND	ND	ND	0.0004	0.0040
CBNA	ND	ND	ND	ND	0.0002	0.0040
D8 THC	ND	ND	ND	ND	0.0012	0.0040
D9 THC	1.366	13.663	1.201	12.010	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	26.947	269.472	23.687	236.866	0.0002	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
THCVA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040

* Measurements of uncertainty available on request

Moisture & Water Activity

PASS

Water Activity and Moisture Content Analysis (SOP-120-OA) | Test ID: #117891

Analyte	Result (%)	Limit	Pass/Fail
Moisture	12.10	13.00	
Water Activity	0.55	0.65	PASS

Callie Chapman

Callie Chapman
Lab Director
9/1/2026

Rev. 1 Initial Release

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Certificate of Analysis

Client Name: Pinnacle Valley Farms
License Number: CLTV0077

Sample ID: 20260521-32096
Sample Name: HL: BD, FD, SM, S2.0, MB
Sample Lot: CLTV0077-92
Sample Matrix: Flower
Date Received: 5/21/2026
Date Reported: 5/27/2026
Date Tested: 5/22/2026



Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - Limit units: ppm | Test ID: #105963

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Abamectin B1a	Pass	ND	0.10000	0.00687	0.02081
Abamectin B1b	Pass	ND	0.10000	0.00133	0.00405
Acephate	Pass	ND	0.10000	0.02214	0.06710
Acequinocyl	Pass	ND	0.10000	0.02276	0.06897
Azoxystrobin	Pass	ND	0.10000	0.01262	0.03825
Bifenazate	Pass	ND	0.10000	0.01232	0.03734
Bifenthrin	Pass	ND	3.00000	0.04612	0.13976
Carbaryl	Pass	ND	0.50000	0.01039	0.03149
Chlorpyrifos	Pass	ND	0.04000	0.00702	0.02128
Cypermethrin	Pass	ND	1.00000	0.02839	0.08604
Etoxazole	Pass	ND	0.10000	0.00915	0.02772
Imazalil	Pass	ND	0.04000	0.00664	0.02012
Imidacloprid	Pass	ND	5.00000	0.02001	0.06063
Myclobutanil	Pass	ND	0.10000	0.01691	0.05123
Spinosyn A	Pass	ND	0.10000	0.00632	0.01916
Spinosyn D	Pass	ND	0.10000	0.00256	0.00775
Pyrethrins	Pass	ND	0.50000	0.00022 0.00498 *	0.00072 0.00015 *

* Pyrethrins action limit represents sum of isomers I & II

Callie Chapman

Callie Chapman
Lab Director
5/27/2026

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Certificate of Analysis



Client Name: Pinnacle Valley Farms

License Number: CLTV0077



Sample ID: 20260820-35492

Sample Name: HL: BDP, PQ, GL, OR & PC

Sample Lot: CLTV0077-100

Sample Matrix: Flower

Date Received: 8/20/2026

Date Reported: 8/25/2026

Date Tested: 8/20/2026



Pesticides

Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-009-OA) - Limit units: ppm | Test ID: #116962

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Abamectin B1a	Pass	ND	0.10000	0.00687	0.02081
Abamectin B1b	Pass	ND	0.10000	0.00133	0.00405
Acephate	Pass	ND	0.10000	0.02214	0.06710
Acequinocyl	Pass	ND	0.10000	0.02276	0.06897
Azoxystrobin	Pass	ND	0.10000	0.01262	0.03825
Bifenazate	Pass	ND	0.10000	0.01232	0.03734
Bifenthrin	Pass	ND	3.00000	0.04612	0.13976
Carbaryl	Pass	ND	0.50000	0.01039	0.03149
Chlorpyrifos	Pass	ND	0.04000	0.00702	0.02128
Cypermethrin	Pass	ND	1.00000	0.02839	0.08604
Etoxazole	Pass	ND	0.10000	0.00915	0.02772
Imazalil	Pass	ND	0.04000	0.00664	0.02012
Imidacloprid	Pass	ND	5.00000	0.02001	0.06063
Myclobutanil	Pass	ND	0.10000	0.01691	0.05123
Spinosyn A	Pass	ND	0.10000	0.00632	0.01916
Spinosyn D	Pass	ND	0.10000	0.00256	0.00775
Pyrethrins	Pass	ND	0.50000	0.00022	0.00072
				0.00498 *	0.00015 *

* Pyrethrins action limit represents sum of isomers I & II

Callie Chapman

Callie Chapman
Lab Director
8/25/2026

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Certificate of Analysis

Client Name: Pinnacle Valley Farms
License Number: CLTV0077

Sample ID: 20260505-31572
Sample Name: Black Diamond Punch
Sample Lot: CLTV0077-92-0584
Sample Matrix: Flower
Date Received: 5/5/2026
Date Reported: 5/8/2026
Date Tested: 5/6/2026



Pathogens PASS

Microbiological screening utilizing qPCR (SOP-130-OA) | Test ID: #104210

Analyte	Result	Pass/Fail
A. Fumigatus	None Detected	PASS
A. Niger	None Detected	PASS
A. Flavus	None Detected	PASS
A. Terreus	None Detected	PASS
STEC	None Detected	PASS
Salmonella	None Detected	PASS



Callie Chapman

Callie Chapman
Lab Director
5/8/2026

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Certificate of Analysis

Client Name: Pinnacle Valley Farms
License Number: CLTV0077

Sample ID: 20260806-34740
Sample Name: Black Diamond Punch
Sample Lot: CLTV0077-100-0618
Sample Matrix: Flower
Date Received: 8/6/2026
Date Reported: 8/11/2026
Date Tested: 8/7/2026



Pathogens PASS

Microbiological screening utilizing qPCR (SOP-130-OA) | Test ID: #114571

Analyte	Result	Pass/Fail
A. Fumigatus	None Detected	PASS
A. Niger	None Detected	PASS
A. Flavus	None Detected	PASS
A. Terreus	None Detected	PASS
STEC	None Detected	PASS
Salmonella	None Detected	PASS



Callie Chapman
Callie Chapman
Lab Director
8/11/2026

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Certificate of Analysis

Client Name: Pinnacle Valley Farms
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Sample ID: 20260709-33486
Sample Name: Funky Dawg
Sample Lot: CLTV0077-98-0608
Sample Matrix: Flower
Date Received: 7/9/2026
Date Reported: 7/14/2026
Date Tested: 7/10/2026



Pathogens PASS

Microbiological screening utilizing qPCR (SOP-130-OA) | Test ID: #110375

Analyte	Result	Pass/Fail
A. Fumigatus	None Detected	PASS
A. Niger	None Detected	PASS
A. Flavus	None Detected	PASS
A. Terreus	None Detected	PASS
STEC	None Detected	PASS
Salmonella	None Detected	PASS



Callie Chapman

Callie Chapman
Lab Director
7/14/2026

In performing the services, Onward Analytics, ("OA") shall exercise a degree of skill and care ordinarily exercised by a reasonably prudent laboratory professional under similar circumstances. Except as set forth in the preceding sentence, client acknowledges and agrees that: (a) the services may require OA to make judgements based upon limited data rather than upon scientific certainties; (b) OA's approach, recommendations, and associated cost estimates, if any, are based on industry practices and averages; (c) OA renders its opinions with respect to observations made and data available at the time of testing; (d) ultimate outcomes could be inconsistent with OA's conclusions, results and projections; and (e) there may be additional reports relating to the site (whether prepared by OA or other parties), and reliance upon any OA report without reference to any such other reports is done at client's sole risk.





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Certificate of Analysis

Client Name: Pinnacle Valley Farms
License Number: CLTV0077

Sample ID: 20260720-33896
Sample Name: HL: SSS, RM, FD, SRC, GL
Sample Lot: CLTV0077-98
Sample Matrix: Flower
Date Received: 7/20/2026
Date Reported: 7/22/2026
Date Tested: 7/20/2026



Pesticides

Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - Limit units: ppm | Test ID: #111773

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Abamectin B1a	Pass	ND	0.10000	0.00687	0.02081
Abamectin B1b	Pass	ND	0.10000	0.00133	0.00405
Acephate	Pass	ND	0.10000	0.02214	0.06710
Acequinocyl	Pass	ND	0.10000	0.02276	0.06897
Azoxystrobin	Pass	ND	0.10000	0.01262	0.03825
Bifenazate	Pass	ND	0.10000	0.01232	0.03734
Bifenthrin	Pass	ND	3.00000	0.04612	0.13976
Carbaryl	Pass	ND	0.50000	0.01039	0.03149
Chlorpyrifos	Pass	ND	0.04000	0.00702	0.02128
Cypermethrin	Pass	ND	1.00000	0.02839	0.08604
Etoxazole	Pass	ND	0.10000	0.00915	0.02772
Imazalil	Pass	ND	0.04000	0.00664	0.02012
Imidacloprid	Pass	ND	5.00000	0.02001	0.06063
Myclobutanil	Pass	ND	0.10000	0.01691	0.05123
Spinosyn A	Pass	ND	0.10000	0.00632	0.01916
Spinosyn D	Pass	ND	0.10000	0.00256	0.00775
Pyrethrins	Pass	ND	0.50000	0.00022 0.00498 *	0.00072 0.00015 *

* Pyrethrins action limit represents sum of isomers I & II

Callie Chapman

Callie Chapman
Lab Director
7/22/2026

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