



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: 20260317-30395
Sample Name: Shire 2.0
Sample Lot: CLTV0077-88-0563
Sample Matrix: Flower
Date Received: 3/17/2026
Date Reported: 3/20/2026
Date Tested: 3/18/2026



Pathogens PASS

Microbiological screening utilizing qPCR (SOP-130-OA) | Test ID: #100078

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
3/20/2026

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Client Name: Pinnacle Valley Farms

License Number: CLTV0077



Sample ID: 20260401-30676

Sample Name: Shire 2.0 (PESTICIDES)

Sample Lot: CLTV0077-88-0563

Sample Matrix: Flower

Date Received: 4/1/2026

Date Reported: 4/6/2026

Date Tested: 4/1/2026



Pesticides

Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - Limit units: ppm | Test ID: #101112

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

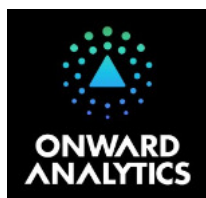
Callie Chapman

Callie Chapman
Lab Director
4/6/2026

Rev. 1 Initial Release

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Certificate of Analysis

Client Name: Pinnacle Valley Farms
License Number: CLTV0077

Sample ID: 20260407-30923
Sample Name: Shire 2.0
Sample Lot: CLTV0077-88-0563
Sample Matrix: Flower
Date Received: 4/7/2026
Date Reported: 4/8/2026
Date Tested: 4/7/2026



Total Cannabinoids

	%	mg/g
Total THC:	29.748	297.481
Total CBD:	--	--
Total Cannabinoids:	37.709	377.094

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: #101795

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.796	7.957	0.709	7.090	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	3.078	30.784	2.743	27.428	0.0001	0.0040
CBN	ND	ND	ND	ND	0.0004	0.0040
CBNA	ND	ND	ND	ND	0.0002	0.0040
D8 THC	< LOQ	< LOQ	< LOQ	< LOQ	0.0012	0.0040
D9 THC	0.606	6.058	0.540	5.398	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	33.230	332.295	29.608	296.075	0.0002	0.0040
THCV	ND	ND	ND	ND	0.0016	0.0049
THCVA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040

Moisture & Water Activity

PASS

Water Activity and Moisture Content Analysis (SOP-120-OA) | Test ID: #101796

Analyte	Result (%)	Limit	Pass/Fail
Moisture	10.90	13.00	PASS
Water Activity	0.52	0.65	

Callie Chapman

Callie Chapman
Lab Director
4/8/2026

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