



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: 20260515-31919

Sample Name: Shire 2.0

Sample Lot: CLTV0077-91-0574

Sample Matrix: Flower

Date Received: 5/15/2026

Date Reported: 5/20/2026

Date Tested: 5/18/2026



Total Cannabinoids

	%	mg/g
Total THC:	29.031	290.315
Total CBD:	--	--
Total Cannabinoids:	36.052	360.522

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: #105337

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.631	6.314	0.563	5.634	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	2.373	23.731	2.117	21.173	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	0.395	3.953	0.353	3.527	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	32.652	326.524	29.133	291.325	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: #105393

Analyte	Result (%)	Limit	Pass/Fail
Moisture	10.78	13.00	PASS
Water Activity	0.47	0.65	

Callie Chapman

Callie Chapman
Lab Director
5/20/2026

Rev. 1 Initial Release

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