



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

Certificate of Analysis

Client Name: PermaGanix
License Number: CLTV0354 MANU0114

Sample ID: 20251226-27854
Sample Name: Cap's Crunch F2
Sample Lot: HL23
Sample Matrix: Flower
Date Received: 12/26/2025
Date Reported: 1/5/2026
Date Tested: 12/29/2025



Total Cannabinoids		
	%	mg/g
Total THC:	31.568	315.683
Total CBD:	--	--
Total Cannabinoids:	37.974	379.741

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: #91622

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	< LOQ	< LOQ	< LOQ	< LOQ	0.0002	0.0040
CBD	ND	ND	ND	ND	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	1.978	19.783	1.732	17.320	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	< LOQ	< LOQ	< LOQ	< LOQ	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	35.996	359.958	31.514	315.144	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: #91623

Analyte	Result (%)	Limit	Pass/Fail
Moisture	12.45	13.00	
Water Activity	0.56	0.65	PASS

Callie Chapman

Callie Chapman
 Lab Director
 1/5/2026

Rev. 1 Initial Release

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Date Received: 12/26/2025
Date Reported: 1/5/2026
Date Tested: 12/29/2025



Pathogens FAIL

Microbiological screening utilizing qPCR (SOP-130-OA) | Test ID: #91624

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



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Certificate of Analysis

Client Name: PermaGanix
License Number: CLTV0354 MANU0114

Sample ID: 20260108-28189
Sample Name: Cap Crunch F2
Sample Lot: HL23
Sample Matrix: Flower
Date Received: 1/8/2026
Date Reported: 1/13/2026
Date Tested: 1/9/2026



Pathogens PASS

Microbiological screening utilizing qPCR (SOP-130-OA) | Test ID: #92808

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



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 Lab Director
 1/13/2026

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Certificate of Analysis

Client Name: PermaGanix
License Number: CLTV0354 MANU0114

Sample ID: 20260108-28190
Sample Name: Cap Crunch F2
Sample Lot: HL23
Sample Matrix: Flower
Date Received: 1/8/2026
Date Reported: 1/13/2026
Date Tested: 1/9/2026



Pathogens PASS

Microbiological screening utilizing qPCR (SOP-130-OA) | Test ID: #92809

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



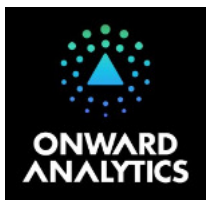
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Certificate of Analysis

Client Name: PermaGanix
License Number: CLTV0354 MANU0114

Sample ID: 20251226-27856
Sample Name: HL: CB, TK, CCF2, GT & GTH
Sample Lot: HL23
Sample Matrix: Flower
Date Received: 12/26/2025
Date Reported: 1/5/2026
Date Tested: 1/2/2026



Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - **Limit units: ppm** | Test ID: #91634

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



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