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: 20261027-39226
Sample Name: GG4(B)
Sample Lot: cltv0354-HL36-GG4
Sample Matrix: Flower
Date Received: 10/27/2026
Date Reported: 10/29/2026
Date Tested: 10/28/2026



Total Cannabinoids

	%	mg/g
Total THC:	**26.069**	**260.694**
Total CBD:	**--**	**--**
Total Cannabinoids:	**30.267**	**302.674**

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: #129355**

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	0.652	6.524	0.579	5.786	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	0.789	7.887	0.700	6.995	0.0016	0.0049
D10 THC	ND	ND	ND	ND	0.0004	0.0040
THCA	28.826	288.263	25.566	255.660	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: #129356**

Analyte	Result (%)	Limit	Pass/Fail
Moisture	11.31	13.00	
Water Activity	0.50	0.65	PASS

Callie Chapman
Lab Director
10/29/2026

Rev. 1	Initial Release

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Certificate of Analysis

Client Name: PermaGanix
License Number: CLTV0354 MANU0114

Sample ID: 20261015-38505
Sample Name: gg4
Sample Lot: hl36
Sample Matrix: Flower
Date Received: 10/15/2026
Date Reported: 10/22/2026
Date Tested: 10/21/2026



Pathogens — PASS

Microbiological screening utilizing qPCR (SOP-130-OA) | **Test ID: #126829**

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
Lab Director
10/22/2026

Rev. 1	Initial Release

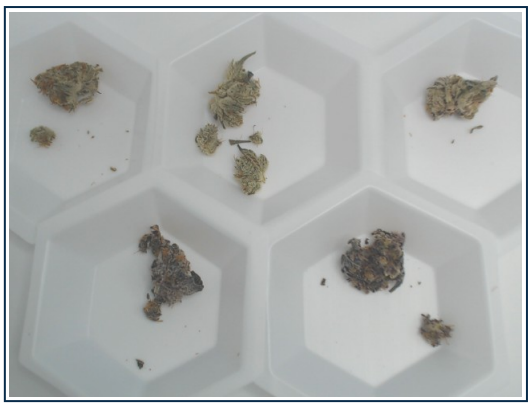
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Certificate of Analysis

Client Name: PermaGanix
License Number: CLTV0354 MANU0114

Sample ID: 20261015-38502
Sample Name: HL: ZM, GG4, OM, DD & D
Sample Lot: hl36
Sample Matrix: Flower
Date Received: 10/15/2026
Date Reported: 10/22/2026
Date Tested: 10/20/2026



Pesticides — Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-009-OA) - **Limit units: ppm | Test ID: #126768**

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	0.00864 0.01428 *	0.02618 0.04327 *

* Pyrethrins action limit represents sum of isomers I & II

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Lab Director
10/22/2026

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