



Greenfield Greenery
 493 Leyden Road
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 (413) 247-3990
 License #: MCN283117

Certificate of Analysis

Final



Date Released: 11/12/2025 4:03:41PM

Report #: 112352

Humboldt Afghani Buds 2400

Sample #: 160584, Weight: 10.13g, Unit Count:

Order #: X251106-0008

Category/Type: Raw Plant Material, Flower - Cured

Date Collected: 11/6/2025 3:47:11PM

Date Received: 11/7/2025 4:50:57PM

Date Analyzed: 11/12/2025 4:51:54PM

METRC Sample ID: 1A40A030000A4D9000002544

METRC Source Package ID:

1A40A030000A4D9000002400

METRC Batch ID: 1A40A030000A4D9000002544



Total Cannabinoids
29.27300 %



Total THC
25.23783 %



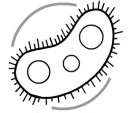
Total CBD
0.00000 %



Total Terpenes
10.337 mg/g



Heavy Metals
PASS



Microbials
PASS



Pesticides
PASS



Mycotoxins
PASS

Cannabinoids		Total Cannabinoids: 29.27300 %				Date Completed: 11/12/2025 1:17PM	
		Total THC: 25.23783 %				Analyst ID: B125893	
		Total CBD: 0.00000 %					
Compound	CAS#	LOD (%)	LOQ (%)	%	mg/g	Relative Concentration	
THCa	23978-85-0	.0528	.2105	19.04576	190.45758		
d9-THC	1972-08-3	.0651	.2105	8.53470	85.34704		
CBGA	25555-57-1	.0712	.2105	1.33676	13.36761		
CBG	25654-31-3	.0887	.2105	0.35578	3.55784		
d8-THC	5957-75-5	.0959	.2105	ND	ND		
CBD	13956-29-1	.0995	.2105	ND	ND		
CBDa	1244-58-2	.0672	.2105	ND	ND		
CBN	521-35-7	.0972	.2105	ND	ND		
CBC	20675-51-8	.0922	.2105	<LOQ	<LOQ		
THCV	31262-37-0	.0683	.2105	<LOQ	<LOQ		
CBDV	24274-48-4	.0646	.2105	ND	ND		
THCVa	39986-26-0	0.003524	.2105	<LOQ	<LOQ		

****This batch underwent a sanitization treatment using irradiation****

All data contained in this report has been reviewed for accuracy to ensure all quality control requirements are met and conform with ISO/IEC 17025:2017.

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11/12/2025 5:05:25PM



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Test Comment: Total THC = (THCa * 0.877) + d9THC
 Total Cannabionids = Addition of all cannabionoids with no multiplier
 Total CBD = (CBDa * 0.877) + CBD
 Analytical Method: HPLC Lab SOP: L-012 Cannabinoids

Terpenes

Date Completed: 11/11/2025 11:50AM

Analyst ID: B156623



Compound	CAS#	LOD (mg/g)	LOQ (mg/g)	mg/g	%	Relative Concentration
beta-Myrcene	123-35-3	0.0446	0.1338	2.640	0.264	
beta-Caryophyllene	87-44-5	0.0220	0.0661	1.989	0.199	
alpha-Pinene	80-56-8	0.0510	0.1531	1.601	0.160	
D-Limonene	5989-27-5	0.0397	0.1191	0.680	0.068	
alpha-Humulene	6753-98-6	0.0212	0.0637	0.530	0.053	
alpha-Bisabolol	515-69-5	0.0966	0.2899	0.501	0.050	
Linalool	78-70-6	0.0320	0.0960	0.417	0.042	
Fenchyl Alcohol	1632-73-1	0.0145	0.0437	0.363	0.036	
alpha-Terpineol	98-55-5	0.0173	0.0520	0.329	0.033	
beta-Pinene	127-91-3	0.0499	0.1498	0.318	0.032	
Caryophyllene Oxide	1139-30-6	0.0559	0.1679	0.315	0.031	
Guaiol	489-86-1	0.0675	0.2027	0.258	0.026	
trans-Ocimene	3779-61-1	0.0289	0.0868	0.203	0.020	
Borneol	507-70-0	0.0228	0.0684	0.134	0.013	
Valencene	4630-07-3	0.0190	0.0571	0.059	0.006	

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Compound	CAS#	LOD (mg/g)	LOQ (mg/g)	mg/g	%	Relative Concentration
alpha-Terpinene	99-86-5	0.0408	0.1225	ND	ND	
alpha-Cedrene	469-61-4	0.0253	0.0761	ND	ND	
Sabinene	3387-41-5	0.0156	0.0470	ND	ND	
alpha-Phellandrene	99-83-2	0.0232	0.0697	ND	ND	
Camphor	76-22-2	0.0331	0.0995	ND	ND	
Cedrol	77-53-2	0.0249	0.0749	ND	ND	
Farnesene	502-61-4	0.0453	0.1361	ND	ND	
Fenchone	1195-79-5	0.0342	0.1028	ND	ND	
gamma-Terpineol	586-81-2	0.0028	0.0086	ND	ND	
Geranyl Acetate	105-87-3	0.0254	0.0763	ND	ND	
Isoborneol	124-76-5	0.0157	0.0472	ND	ND	
Menthol	89-78-1	0.0369	0.1109	ND	ND	
Nerol	106-25-2	0.0228	0.0686	ND	ND	
Pulegone	89-82-7	0.0112	0.0338	ND	ND	
Sabinene Hydrate	546-79-2	0.0165	0.0495	ND	ND	
Camphene	79-92-5	0.0516	0.1550	ND	ND	
delta-3-Carene	13466-78-9	0.0796	0.2388	ND	ND	
Eucalyptol	470-82-6	0.0503	0.1510	ND	ND	
Terpinolene	586-62-9	0.0481	0.1445	ND	ND	
cis-Nerolidol	142-50-7	0.0323	0.0969	ND	ND	
cis-Ocimene	3338-55-4	0.0280	0.0840	<LOQ	<LOQ	
gamma-Terpinene	99-85-4	0.0393	0.1180	ND	ND	
Geraniol	106-24-1	0.0479	0.1438	ND	ND	
Isopulegol	89-79-2	0.0535	0.1606	ND	ND	
trans-Nerolidol	40716-66-3	0.0390	0.1172	<LOQ	<LOQ	

Test Comment: Analytical Method: GC-MS Lab SOP: L-013 Terpenoids

The following analytes are not part of Green Valley Analytics ISO 17025 Scope of Accreditation:

Sabinene, alpha-Phellandrene, Sabine Hydrate, Fenchone, Fencyl Alcohol, Camphor, Isoborneol, Menthol, Borneol, alpha-Terpineol, gamma-Terpineol, Nerol, Pulegone, Geranyl Acetate, Farnesene, alpha-Cedrene, Valencene & Cedrol.

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Sample #: 160584

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Mycotoxins

Pass

Date Completed: 11/12/2025 8:55AM

Analyst ID: B159506

Compound	LOD (ppb)	LOQ (ppb)	Limits (ppb)	Result (ppb)	Status
AflatoxinB1	1.6499	4.9499	20	ND	Pass
AflatoxinB2	2.2521	6.7564	20	ND	Pass
AflatoxinG1	0.9461	2.8380	20	ND	Pass
AflatoxinG2	3.8346	11.5039	20	ND	Pass
OchratoxinA	2.5487	7.6462	20	ND	Pass
TotalAflatoxins				0	Pass

Comment: Analytical Method: LCMS/MS Lab SOP: L-014 Pesticides & Mycotoxins

Metals

Pass

Date Completed: 11/11/2025 2:35PM

Analyst ID: B163217

Compound	LOD (µg/kg)	LOQ (µg/kg)	Limits (µg/kg)	Result (µg/kg)	Status
Arsenic	28.73	86.21	200	ND	Pass
Cadmium	21.74	83.33	200	ND	Pass
Lead	23.58	83.33	500	225.61	Pass
Mercury	23.62	70.84	100	ND	Pass

Comment: Analytical Method: ICP-MS Lab SOP: L-015 Metals

Pesticides

Pass

Date Completed: 11/12/2025 8:55AM

Analyst ID: B159506

Compound	LOD (ppb)	LOQ (ppb)	Limits (ppb)	Result (ppb)	Status
Bifenazate	2.5792	7.7377	10	ND	Pass
Bifenthrin	5.1561	15.4683	10	ND	Pass
Cyfluthrin	48.8	146.4	10	ND	Pass

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Pesticides

Pass

Date Completed: 11/12/2025 8:55AM

Analyst ID: B159506

Compound	LOD (ppb)	LOQ (ppb)	Limits (ppb)	Result (ppb)	Status
Etoazole	2.2610	6.7832	10	ND	Pass
Imazalil	2.1853	6.5559	10	ND	Pass
Imidacloprid	1.8548	5.5644	10	ND	Pass
Myclobutanil	2.1163	6.3489	10	ND	Pass
Spiromesifen	2.4051	7.2154	10	ND	Pass
Trifloxystrobin	2.4291	7.2874	10	ND	Pass

Comment: Analytical Method: LCMS/MS Lab SOP: L-014 Pesticides & Mycotoxins

Microbials Count/Qualitative

Pass

Date Completed: 11/12/2025 4:51PM

Analyst ID: B143512

Compound	LOD (CFU/g)	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Bile-Tolerant Gram Negative Bacteria		200	1000	<LOQ	Pass
Salmonella Qualitative				Not Detected	Pass
STEC Qualitative				Not Detected	Pass
Total Aerobic Bacteria		2000	100000	<LOQ	Pass
Total Coliforms		200	1000	<LOQ	Pass
Yeast & Mold		2000	10000	<LOQ	Pass

Comment: Analytical Method: PCR Lab SOP: L-017 Microbiological Analysis of STEC & Salmonella in Marajuana via PCR
 Analytical Method: Plating Lab SOP: L-024 Microbiological Contaminants Analysis via 3M Petrifilm Plates

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