

# HPG121219A14819

Sample ID: 2001CSALA1975.9749  
Matrix: Plant  
Type: Flower - Cured  
Sample Size: 83.4 grams  
Batch Size: 22420 grams  
Batch#: HPG121219A14819

Strain: HPG121219A14819  
Harvested: 10/10/2019  
Collected: 01/02/2020  
Received: 01/03/2020  
Completed: 01/06/2020  
METRC ID: 1A4060300006154000018310

Distributor  
**Greenfield Organix**  
Lic. # C11-0000939-LIC  
900 Cherry Ave, Greenfield, CA, 93927

Producer  
**The Humboldt Leaf**  
Lic. # CCL18-0002903  
No Address Provided, Unincorporated, CA No  
Zip Code Provided



## Summary

Pass

<b>24.58%</b> Total Cannabinoids	<b>Pass</b> Pesticides	<b>Not Tested</b> Residual Solvents
<b>Pass</b> Microbials	<b>Pass</b> Mycotoxins	<b>Pass</b> Heavy Metals

## Cannabinoids

Testing method: HPLC-SOP 101

Pass

Analyte	LOD	LOQ	Results	Results
	%	%	%	mg/g
THCa	0.00002	0.0001	22.97	229.69
CBGa	0.00002	0.0001	0.93	9.32
Δ9-THC	0.00004	0.0001	0.50	4.98
CBG	0.00004	0.0001	0.15	1.46
CBDa	0.00002	0.0001	0.03	0.33
CBC	0.00001	0.0001	ND	ND
CBD	0.00004	0.0001	ND	ND
CBDV	0.00001	0.0001	ND	ND
CBN	0.00002	0.0001	ND	ND
THCV	0.00004	0.0001	ND	ND
Δ8-THC	0.00004	0.0001	ND	ND
<b>Total</b>			<b>24.58</b>	<b>245.78</b>

**20.64%**

**Total THC**

**0.03%**

**Total CBD**

Date Tested: 01/06/2020

Total THC = THCa \* 0.877 + d9-THC

Total CBD = CBDa \* 0.877 + CBD

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.

The reported result is based on a sample weight with the applicable moisture content for that sample;

## Terpenes

Testing method: HS-GC-FID - SOP 201

Complete

Analyte	LOD	LOQ	Results	Results
	%	%	%	mg/g
β-Caryophyllene	0.00017	0.0013	0.54	5.38
δ-Limonene	0.00016	0.0013	0.37	3.67
α-Humulene	0.00057	0.0013	0.12	1.19
Linalool	0.00015	0.0013	0.11	1.09
β-Myrcene	0.00012	0.0013	0.09	0.94
trans-Nerolidol	0.00058	0.0013	0.06	0.60
β-Pinene	0.00034	0.0013	0.05	0.54
Guaiol	0.00018	0.0013	0.04	0.43
α-Bisabolol	0.00015	0.0013	0.04	0.36
α-Pinene	0.00015	0.0013	0.03	0.34
Camphene	0.00072	0.0013	ND	ND
Caryophyllene Oxide	0.00017	0.0013	ND	ND
Eucalyptol	0.00017	0.0013	ND	ND
Geraniol	0.00013	0.0013	ND	ND
Isopulegol	0.00011	0.0013	ND	ND
Ocimene	0.00013	0.0013	ND	ND
p-Cymene	0.0001	0.0013	ND	ND
Terpinolene	0.00016	0.0013	ND	ND
α-Terpinene	0.00012	0.0013	ND	ND
γ-Terpinene	0.00012	0.0013	ND	ND
δ-3-Carene	0.0004	0.0013	ND	ND
<b>Total</b>			<b>1.45</b>	<b>14.54</b>

Date Tested: 01/03/2020

**10.1%**

**Moisture**

Moisture Analyzer SOP-103  
Date Tested: 01/03/2020

**0.490 aw**

**Water Activity**

Water Activity Meter SOP-102  
Date Tested: 01/03/2020

**Pass**

**Foreign Matter**

Visual Inspection SOP-600  
Date Tested: 01/03/2020



ISO / IEC 17025:2017 ACCREDITED LABORATORY  
Accreditation No. 73653



*M. Speakman*

Mallory Speakman  
Laboratory Director - LA  
01/06/2020

*A. Engen*

Anya Engen  
Quality Review  
01/06/2020

*Amanda Bravo*

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COA Review  
01/06/2020

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Producer  
**The Humboldt Leaf**  
Lic. # CCL18-0002903  
No Address Provided, Unincorporated, CA No  
Zip Code Provided

## Pesticides

Pass

Testing method: LCMS & GCMS-SOP 301 and 302

Analyte	LOD	LOQ	Limit	Results	Status	Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.0009	0.003	0.1	ND	Pass	Fludioxonil	0.0143	0.048	0.1	ND	Pass
Acephate	0.005	0.017	0.1	ND	Pass	Hexythiazox	0.0237	0.079	0.1	ND	Pass
Acequinocyl	0.0193	0.064	0.1	ND	Pass	Imazalil *	0.0077	0.026	0.0077	ND	Pass
Acetamiprid	0.0073	0.024	0.1	ND	Pass	Imidacloprid	0.0053	0.018	5.0	ND	Pass
Aldicarb *	0.0094	0.031	0.0094	ND	Pass	Kresoxim Methyl	0.0182	0.061	0.1	ND	Pass
Azoxystrobin	0.015	0.05	0.1	ND	Pass	Malathion	0.015	0.05	0.5	ND	Pass
Bifenazate	0.0129	0.043	0.1	ND	Pass	Metaxyl	0.0076	0.025	2.0	ND	Pass
Bifenthrin	0.029	0.097	3.0	ND	Pass	Methiocarb *	0.0103	0.034	0.0103	ND	Pass
Boscalid	0.0172	0.058	0.1	ND	Pass	Methomyl	0.0109	0.036	1.0	ND	Pass
Captan	0.036	0.12	0.7	ND	Pass	Methyl Parathion *	0.0091	0.0303	0.0091	ND	Pass
Carbaryl	0.0542	0.181	0.5	ND	Pass	Mevinphos *	0.0041	0.014	0.0041	ND	Pass
Carbofuran *	0.0077	0.026	0.0077	ND	Pass	Myclobutanil	0.01	0.033	0.1	ND	Pass
Chlorantraniliprole	0.0095	0.032	10.0	ND	Pass	Naled	0.0107	0.036	0.1	ND	Pass
Chlordane *	0.0055	0.0182	0.0055	ND	Pass	Oxamyl	0.0071	0.024	0.5	ND	Pass
Chlorfenapyr *	0.0048	0.0159	0.0048	ND	Pass	Paclobutrazol *	0.0092	0.031	0.0092	ND	Pass
Chlorpyrifos *	0.0197	0.066	0.0197	ND	Pass	Pentachloronitrobenzene	0.0084	0.0279	0.1	ND	Pass
Clofentezine	0.0216	0.072	0.1	ND	Pass	Permethrin	0.0142	0.048	0.5	ND	Pass
Coumaphos *	0.0196	0.065	0.0196	ND	Pass	Phosmet	0.0138	0.046	0.1	ND	Pass
Cyfluthrin	0.0107	0.036	2.0	ND	Pass	Piperonyl Butoxide	0.0156	0.052	3.0	ND	Pass
Cypermethrin	0.0105	0.035	1.0	ND	Pass	Prallethrin	0.018	0.06	0.1	ND	Pass
Daminozide *	0.0052	0.017	0.0052	ND	Pass	Propiconazole	0.013	0.043	0.1	ND	Pass
DDVP *	0.0081	0.027	0.0081	ND	Pass	Propoxur *	0.0097	0.033	0.0097	ND	Pass
Diazinon	0.0134	0.045	0.1	ND	Pass	Pyrethrins	0.0025	0.008	0.5	ND	Pass
Dimethoate *	0.0083	0.028	0.0083	ND	Pass	Pyridaben	0.0236	0.079	0.1	ND	Pass
Dimethomorph	0.0025	0.008	2.0	ND	Pass	Spinetoram	0.0042	0.014	0.1	ND	Pass
Ethoprophos *	0.0112	0.037	0.0112	ND	Pass	Spinosad	0.0002	0.001	0.1	ND	Pass
Etofenprox *	0.0247	0.082	0.0247	ND	Pass	Spiromesifen	0.0199	0.066	0.1	ND	Pass
Etoxazole	0.0269	0.09	0.1	ND	Pass	Spirotetramat	0.0068	0.023	0.1	ND	Pass
Fenhexamid	0.0215	0.072	0.1	ND	Pass	Spiroxamine *	0.0065	0.022	0.0065	ND	Pass
Fenoxycarb *	0.0186	0.062	0.0186	ND	Pass	Tebuconazole	0.0099	0.033	0.1	ND	Pass
Fenpyroximate	0.0253	0.084	0.1	ND	Pass	Thiacloprid *	0.0094	0.031	0.0094	ND	Pass
Fipronil *	0.0228	0.076	0.0228	ND	Pass	Thiamethoxam	0.005	0.017	5.0	ND	Pass
Flonicamid	0.0073	0.024	0.1	ND	Pass	Trifloxystrobin	0.0192	0.064	0.1	ND	Pass

Date Tested: 01/03/2020

\* Denotes Category I pesticides, which fail when detected; LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.



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Mallory Speakman  
Laboratory Director - LA  
01/06/2020



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Quality Review  
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Amanda Bravo  
COA Review  
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<b>Type:</b> Flower - Cured	<b>Collected:</b> 01/02/2020	<b>Distributor:</b> Greenfield Organix	<b>Lic. #</b> CCL18-0002903
<b>Sample Size:</b> 83.4 grams	<b>Received:</b> 01/03/2020	<b>Lic. #</b> C11-0000939-LIC	<b>No Address Provided, Unincorporated, CA No</b>
<b>Batch Size:</b> 22420 grams	<b>Completed:</b> 01/06/2020	<b>900 Cherry Ave, Greenfield, CA, 93927</b>	<b>Zip Code Provided</b>
<b>Batch#:</b> HPG121219A14819	<b>METRC ID:</b> 1A4060300006154000018310		

## Microbials

Pass

Testing method: PCR-SOP 400

Analyte	Result	Status
Aspergillus flavus	Not Detected	Pass
Aspergillus fumigatus	Not Detected	Pass
Aspergillus niger	Not Detected	Pass
Aspergillus terreus	Not Detected	Pass
Salmonella	Not Detected	Pass
Shiga toxin-producing E. Coli	Not Detected	Pass

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## Mycotoxins

Pass

Testing method: LCMS-SOP 301

Analyte	LOD	LOQ	Limit	Results	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
Aflatoxin B1	0.0036	0.012		ND	Tested
Aflatoxin B2	0.0092	0.031		ND	Tested
Aflatoxin G1	0.0058	0.019		ND	Tested
Aflatoxin G2	0.0034	0.011		ND	Tested
Total Aflatoxins			20.0	ND	Pass
Ochratoxin A	0.0113	0.038	20.0	ND	Pass

Date Tested: 01/03/2020

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.

## Heavy Metals

Pass

Testing method: ICPMS-SOP 502

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.02	0.06	0.2	ND	Pass
Cadmium	0.03	0.1	0.2	ND	Pass
Lead	0.002	0.005	0.5	0.047	Pass
Mercury	0.02	0.06	0.1	ND	Pass

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