

# HPG121219DO14827-P1

Sample ID: 2001CSALA2701.1710

Strain: HPG121219DO14827-P1

Matrix: Plant

Produced: 01/02/2020

Type: Preroll

Collected: 01/21/2020

Sample Size: 15 units

Received: 01/22/2020

Batch Size: 2427 units

Completed: 01/27/2020

Batch#: HPG121219DO14827-P1

METRC ID: 1A4060300006154000029537

Source IDs: 1A4060300006154000035562

Distributor

**Greenfield Organix**

Lic. # C11-0000939-LIC

900 Cherry Ave, Greenfield, CA, 93927

Producer

**The Humboldt Leaf**

Lic. # CAL18-0002900

14820 Dyerville Loop Rd, Unincorporated, CA 95553



## Summary

Pass

<b>21.99%</b> Total Cannabinoids	<b>Pass</b> Pesticides	<b>Pass</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	19.25	192.48
Δ9-THC	0.00004	0.0001	1.88	18.81
CBGa	0.00002	0.0001	0.64	6.39
CBG	0.00004	0.0001	0.13	1.33
CBC	0.00001	0.0001	0.05	0.52
CBDa	0.00002	0.0001	0.03	0.34
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>21.99</b>	<b>219.87</b>

<b>18.76%</b> Total THC	<b>0.03%</b> Total CBD
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Date Tested: 01/27/2020

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	0.13	1.29
β-Myrcene	0.00012	0.0013	0.06	0.57
δ-Limonene	0.00016	0.0013	0.04	0.44
trans-Nerolidol	0.00058	0.0013	0.04	0.44
α-Humulene	0.00057	0.0013	0.04	0.38
Linalool	0.00015	0.0013	0.03	0.27
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
Guaial	0.00018	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-Bisabolol	0.00015	0.0013	ND	ND
α-Pinene	0.00015	0.0013	ND	ND
α-Terpinene	0.00012	0.0013	ND	ND
β-Pinene	0.00034	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>0.34</b>	<b>3.39</b>

Date Tested: 01/24/2020

<b>7.3%</b> Moisture Moisture Analyzer SOP-103 Date Tested: 01/24/2020	<b>0.460 aw</b> Water Activity Water Activity Meter SOP-102 Date Tested: 01/24/2020	<b>Pass</b> Foreign Matter Visual Inspection SOP-600 Date Tested: 01/23/2020
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ISO / IEC 17025:2017 ACCREDITED LABORATORY  
Accreditation No. 73653

Mallory Speakman  
Laboratory Director - LA  
01/27/2020

Anya Engen  
Quality Review  
01/27/2020

Amanda Bravo  
COA Review  
01/27/2020

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Sample ID: 2001CSALA2701.1710	Strain: HPG121219DO14827-P1		
Matrix: Plant	Produced: 01/02/2020		
Type: Preroll	Collected: 01/21/2020		Producer
Sample Size: 15 units	Received: 01/22/2020	Distributor	<b>The Humboldt Leaf</b>
Batch Size: 2427 units	Completed: 01/27/2020	<b>Greenfield Organix</b>	Lic. # CAL18-0002900
Batch#: HPG121219DO14827-P1	METRC ID: 1A4060300006154000029537	Lic. # C11-0000939-LIC	14820 Dyerville Loop Rd, Unincorporated, CA 95553
	Source IDs: 1A4060300006154000035562	900 Cherry Ave, Greenfield, CA, 93927	

## 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	Paclotrazol *	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: 01/24/2020

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



ISO / IEC 17025:2017 ACCREDITED LABORATORY  
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Mallory Speakman  
Laboratory Director - LA  
01/27/2020



Anya Engen  
Quality Review  
01/27/2020



Amanda Bravo  
COA Review  
01/27/2020

## HPG121219DO14827-P1

<b>Sample ID:</b> 2001CSALA2701.1710	<b>Strain:</b> HPG121219DO14827-P1		
<b>Matrix:</b> Plant	<b>Produced:</b> 01/02/2020		
<b>Type:</b> Preroll	<b>Collected:</b> 01/21/2020		<b>Producer</b>
<b>Sample Size:</b> 15 units	<b>Received:</b> 01/22/2020	<b>Distributor</b>	<b>The Humboldt Leaf</b>
<b>Batch Size:</b> 2427 units	<b>Completed:</b> 01/27/2020	<b>Greenfield Organix</b>	Lic. # CAL18-0002900
<b>Batch#:</b> HPG121219DO14827-P1	<b>METRC ID:</b> 1A4060300006154000029537	<b>Lic. #</b> C11-0000939-LIC	14820 Dyerville Loop Rd, Unincorporated, CA 95553
	<b>Source IDs:</b> 1A4060300006154000035562	<b>900 Cherry Ave, Greenfield, CA, 93927</b>	

### 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

Date Tested: 01/26/2020

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

### 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: 01/25/2020

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	0.050	Pass
Mercury	0.02	0.06	0.1	ND	Pass

Date Tested: 01/24/2020

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 Mallory Speakman  
 Laboratory Director - LA  
 01/27/2020



 Anya Engen  
 Quality Review  
 01/27/2020



 Amanda Bravo  
 COA Review  
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# HPG121219DO14827-P1

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<b>Sample Size:</b> 15 units	<b>Received:</b> 01/22/2020	<b>Distributor</b>	<b>The Humboldt Leaf</b>
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## Residual Solvents

Pass

Testing method: HSGCMS-SOP 202

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
1,2-Dichloro-Ethane	0.1	0.4	1	ND	Pass
Acetone	64.0	214.0	5000	ND	Pass
Acetonitrile	36.0	119.0	410	ND	Pass
Benzene	0.1	0.2	1	ND	Pass
Butane	42.0	141.0	5000	ND	Pass
Chloroform	0.1	0.4	1	ND	Pass
Ethanol	59.0	197.0	5000	ND	Pass
Ethyl-Acetate	43.0	144.0	5000	ND	Pass
Ethylene Oxide	0.2	0.6	1	ND	Pass
Ethyl-Ether	40.0	134.0	5000	ND	Pass
Heptane	46.0	154.0	5000	ND	Pass
Isopropanol	41.0	138.0	5000	ND	Pass
Methanol	160.0	534.0	3000	ND	Pass
Methylene-Chloride	0.1	0.4	1	ND	Pass
n-Hexane	42.0	139.0	290	ND	Pass
Pentane	69.0	229.0	5000	ND	Pass
Propane	21.0	70.0	5000	ND	Pass
Toluene	47.0	156.0	890	ND	Pass
Trichloroethene	0.1	0.4	1	ND	Pass
Xylenes	86.0	287.0	2170	ND	Pass

Date Tested: 01/24/2020

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 ISO / IEC 17025:2017 ACCREDITED LABORATORY  
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 PJLA  
 Testing  
 Accredited (P202)



 Mallory Speakman  
 Laboratory Director - LA  
 01/27/2020



 Anya Engen  
 Quality Review  
 01/27/2020



 Amanda Bravo  
 COA Review  
 01/27/2020