

HPG121219D14817

 Sample ID: 2001CSALA1974.9746
 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 53.1 grams
 Batch Size: 13292 grams
 Batch#: HPG121219D14817

 Strain: HPG121219D14817
 Harvested: 10/10/2019
 Collected: 01/02/2020
 Received: 01/03/2020
 Completed: 01/06/2020
 METRC ID: 1A4060300006154000029008

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

 Producer
The Humboldt Leaf
 Lic. # CCL18-0002906
 14820 Dyerville Loop Road, Unincorporated, CA 95553


Summary

Pass

33.31% Total Cannabinoids	Pass Pesticides	Not Tested Residual Solvents
Pass Microbials	Pass Mycotoxins	Pass Heavy Metals

Cannabinoids

Testing method: HPLC-SOP 101

Pass

Analyte	LOD	LOQ	Results	Results
	%	%	%	mg/g
THCa	0.00002	0.0001	29.86	298.61
CBGa	0.00002	0.0001	2.27	22.68
Δ9-THC	0.00004	0.0001	0.78	7.76
CBG	0.00004	0.0001	0.29	2.88
CBC	0.00001	0.0001	0.06	0.65
CBDa	0.00002	0.0001	0.05	0.49
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
Total			33.31	333.07

26.96%

Total THC

0.04%

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
δ-Limonene	0.00016	0.0013	0.44	4.38
β-Caryophyllene	0.00017	0.0013	0.39	3.89
β-Myrcene	0.00012	0.0013	0.17	1.72
trans-Nerolidol	0.00058	0.0013	0.10	0.99
α-Humulene	0.00057	0.0013	0.09	0.90
β-Pinene	0.00034	0.0013	0.07	0.73
Linalool	0.00015	0.0013	0.07	0.71
α-Pinene	0.00015	0.0013	0.04	0.42
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
Guaiol	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-Terpinene	0.00012	0.0013	ND	ND
γ-Terpinene	0.00012	0.0013	ND	ND
δ-3-Carene	0.0004	0.0013	ND	ND
Total			1.37	13.74

Date Tested: 01/06/2020

10.2%

Moisture

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

0.440 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



 Mally Speakman
 Laboratory Director - LA
 01/06/2020



 Anya Engen
 Quality Review
 01/06/2020



 Amanda Bravo
 COA Review
 01/06/2020

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 CA 95553

Pesticides

Testing method: LCMS & GCMS-SOP 301 and 302

Pass

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	Paclobotrazol *	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.


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

 Mallory Speakman
 Laboratory Director - LA
 01/06/2020

 Anya Engen
 Quality Review
 01/06/2020

 Amanda Bravo
 COA Review
 01/06/2020

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Sample Size: 53.1 grams	Received: 01/03/2020	Lic. # C11-0000939-LIC	14820 Dyerville Loop Road, Unincorporated, CA 95553
Batch Size: 13292 grams	Completed: 01/06/2020	900 Cherry Ave, Greenfield, CA, 93927	
Batch#: HPG121219D14817	METRC ID: 1A4060300006154000029008		

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: 01/06/2020

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: 01/03/2020

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	0.075	Pass
Mercury	0.02	0.06	0.1	ND	Pass

Date Tested: 01/03/2020

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