

REGULATORY COMPLIANCE TESTING

COMPLIANCE CERTIFICATE OF ANALYSIS

Sample ID: CW35245S01

Batch ID: 003.190408.01
 Batch Des.: Super Sour Diesel
 Client Username: truehumboldt
 CW Collection ID: HSGG190422-A1S
 Primary Sample Size: 5.0 units
 Date Sampled: 2019-04-22
 Date Received: 2019-04-22
 Date Expires: 2020-04-23
 Total Batch Weight/Count: 327 units
 Date Reviewed: April 29, 2019
 Sample Type: Preroll (Inhalable Harvest)

Distributor Name: Humboldt Sun Growers Guild
 Distributor Address: 55 Ericson Court Arcata CA 95521 | Distributor License No. C12-18-000084-TEMP
 Microbusiness Name: Humboldt Sun Growers Guild
 Microbusiness Address: 55 Ericson Court, Arcata, CA 95521 | Microbusiness License No. C12-18-000084-TEMP
 CW ANALYTICAL LABORATORIES | 510.545.6984 | 851 81st Avenue, Suite D, Oakland, CA 94621 | License No. C8-18-000021-TEMP

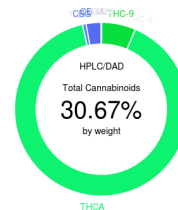
Overall Batch Status - Pass



Profiling by Liquid Chromatography - Pass

(SOP-014) | Date Performed: 2019-04-24

Cannabinoid	Percent	mg/g	LOQ (mg/g)	LOD (mg/g)	L.C. ^{A1}	Status
d9-THC	1.97	19.67	1.00	0.33	-	Pass
d8-THC	ND ¹	ND ¹	1.00	0.33	-	Pass
THCA	27.63	276.33	1.00	0.33	-	Pass
THCV	ND ¹	ND ¹	1.00	0.33	-	Pass
CBG	0.21	2.08	1.00	0.33	-	Pass
CBGA	0.86	8.60	1.00	0.33	-	Pass
CBN	ND ¹	ND ¹	1.00	0.33	-	Pass
CBD	ND ¹	ND ¹	1.00	0.33	-	Pass
CBDV	<LOQ	<1 mg/g	1.00	0.33	-	Pass
CBDA	<LOQ	<1 mg/g	1.00	0.33	-	Pass
Total	30.67	306.68	NA	NA	-	-
Total THC	26.20	262.01	-	-	-	Pass
Total CBD	<LOQ	<1 mg/g	-	-	-	Pass



¹ND = Not Detected
^{A1}L.C. = Label Claim in mg/g
 Total THC = ((THCA*0.877)+ d9-THC) / Total CBD = ((CBDA*0.877)+ CBD)

Microbiological Screening - Pass

Petrifilm screening for microbiological contamination. (SOP-009) | Date Performed: 2019-04-23

Analysis	Limit of Detection	Action Limits	Status	
Shiga-Toxin E. Coli	ND	< 1 cfu/g	1 cfu/g	Pass
Salmonella	ND	< 1 cfu/g	1 cfu/g	Pass
Aspergillus niger	ND	< 1 cfu/g	1 cfu/g	Pass
Aspergillus flavus	ND	< 1 cfu/g	1 cfu/g	Pass
Aspergillus fumigatus	ND	< 1 cfu/g	1 cfu/g	Pass
Aspergillus terreus	ND	< 1 cfu/g	1 cfu/g	Pass

ND = Not Detected

Residual Solvent Analysis - Pass

Analysis of residual solvents. (SOP-011) | Date Performed: 2019-04-24

Solvent	ug/g	Action Limit	LOQ (ug/g)	LOD (ug/g)	Status
Benzene	ND ¹	1.0	1.00	0.33	Pass
Chloroform	ND ¹	1.0	1.00	0.33	Pass
1-2-Dichloroethane	ND ¹	1.0	1.00	0.33	Pass
Ethylene Oxide	ND ¹	1.0	1.00	0.33	Pass
Methylene Chloride	ND ¹	1.0	1.00	0.33	Pass
Trichloroethylene	ND ¹	1.0	1.00	0.33	Pass
Acetone	<LOQ	5000	150.00	10.00	Pass
Acetonitrile	<LOQ	410	6.00	2.30	Pass
Ethanol	<LOQ	5000	250.00	2.00	Pass
Ethyl Acetate	ND ¹	5000	250.00	2.00	Pass
Diethyl ether	ND ¹	5000	250.00	2.00	Pass
Heptane	ND ¹	5000	250.00	2.00	Pass
Hexane	<LOQ	290	6.00	2.00	Pass
Isopropanol	<LOQ	5000	50.00	10.00	Pass
Methanol	145.0	3000	50.00	10.00	Pass
N-Butane	<LOQ	5000	50.00	6.50	Pass
Pentane	<LOQ	5000	50.00	1.00	Pass
Propane	<LOQ	5000	200.00	10.00	Pass
Toluene	ND ¹	890	3.00	1.00	Pass
Total Xylenes	ND ¹	2170	3.00	1.00	Pass

¹ND = Not Detected



This sample was tested by CW Analytical Laboratories. Results are valid through the expiration date indicated.

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Overall Batch Status - Pass



Chemical Residue Screening - Pass

Targeted analysis of chemical residues. [SOP-017] | Date Performed: 2019-04-26

	ug/g	LOQ (ug/g)	LOD (ug/g)	Action Limit	Status		ug/g	LOQ (ug/g)	LOD (ug/g)	Action Limit	Status
Abamectin	ND ¹	0.02	0.01	0.10	Pass	Fludioxonil	ND ¹	0.02	0.01	0.10	Pass
Acephate	ND ¹	0.16	0.05	0.10	Pass	Hexythiazox	ND ¹	0.02	0.01	0.10	Pass
Acequinocyl	ND ¹	0.01	0.01	0.10	Pass	Imazalil	ND ¹	0.00	0.00	0.00	Pass
Acetamiprid	ND ¹	0.01	0.01	0.10	Pass	Imidacloprid	ND ¹	0.02	0.01	5.00	Pass
Aldicarb	ND ¹	0.02	0.01	0.00	Pass	Kresoxim-methyl	ND ¹	0.01	0.01	0.10	Pass
Azoxystrobin	ND ¹	0.01	0.01	0.10	Pass	Malathion	ND ¹	0.04	0.01	0.50	Pass
Bifenazate	ND ¹	0.02	0.01	0.10	Pass	Metalaxyl	ND ¹	0.00	0.00	2.00	Pass
Bifenthrin	ND ¹	0.08	0.03	3.00	Pass	Methiocarb	ND ¹	0.02	0.01	0.00	Pass
Boscalid	ND ¹	0.01	0.01	0.10	Pass	Methomyl	ND ¹	0.02	0.01	1.00	Pass
Captan	ND ¹	0.04	0.01	0.70	Pass	Mevinphos	ND ¹	0.01	0.01	0.00	Pass
Carbaryl	ND ¹	0.02	0.01	0.50	Pass	Myclobutanil	ND ¹	0.01	0.01	0.10	Pass
Carbofuran	ND ¹	0.01	0.01	0.00	Pass	Naled	ND ¹	0.03	0.01	0.10	Pass
Chlorantraniliprole	ND ¹	0.03	0.01	10.00	Pass	Oxamyl	ND ¹	0.02	0.01	0.50	Pass
Chlordane	ND ¹	0.06	0.02	0.00	Pass	Paclobutrazol	ND ¹	0.02	0.01	0.00	Pass
Chlorfenapyr	ND ¹	0.03	0.01	0.00	Pass	Parathion methyl	ND ¹	0.07	0.02	0.00	Pass
Chlorpyrifos	ND ¹	0.06	0.02	0.00	Pass	PCNB	ND ¹	0.02	0.01	0.10	Pass
Clofentezine	ND ¹	0.02	0.01	0.10	Pass	Permethrin	ND ¹	0.02	0.01	0.50	Pass
Coumaphos	ND ¹	0.02	0.01	0.00	Pass	Phosmet	ND ¹	0.01	0.01	0.10	Pass
Cyfluthrin	ND ¹	0.06	0.02	2.00	Pass	Piperonyl butoxide	ND ¹	0.01	0.01	3.00	Pass
Cypermethrin	ND ¹	0.05	0.02	1.00	Pass	Prallethrin	ND ¹	0.03	0.01	0.10	Pass
Daminozide	ND ¹	0.02	0.01	0.00	Pass	Propiconazole	ND ¹	0.01	0.01	0.10	Pass
Diazinon	ND ¹	0.01	0.01	0.10	Pass	Propoxure	ND ¹	0.01	0.01	0.00	Pass
Dichlorvos	ND ¹	0.02	0.01	0.00	Pass	Pyrethrin	ND ¹	0.05	0.02	0.50	Pass
Dimethoate	ND ¹	0.03	0.01	0.00	Pass	Pyridaben	ND ¹	0.00	0.00	0.10	Pass
Dimethomorph	ND ¹	0.01	0.01	2.00	Pass	Spinetoram	ND ¹	0.01	0.01	0.10	Pass
Ethoprophos	ND ¹	0.02	0.01	0.00	Pass	Spinosad	ND ¹	0.01	0.01	0.10	Pass
Etofenprox	ND ¹	0.02	0.01	0.00	Pass	Spiromesifen	ND ¹	0.04	0.01	0.10	Pass
Etoxazole	ND ¹	0.01	0.01	0.10	Pass	Spirotetramat	ND ¹	0.01	0.01	0.10	Pass
Fenhexamid	ND ¹	0.02	0.01	0.10	Pass	Spiroxamine	ND ¹	0.02	0.01	0.00	Pass
Fenoxycarb	ND ¹	0.01	0.01	0.00	Pass	Tebuconazole	ND ¹	0.03	0.01	0.10	Pass
Fenpyroximate	ND ¹	0.02	0.01	0.10	Pass	Thiacloprid	ND ¹	0.01	0.01	0.00	Pass
Fipronil	ND ¹	0.02	0.01	0.00	Pass	Thiamethoxam	ND ¹	0.01	0.01	5.00	Pass
Flonicamid	ND ¹	0.02	0.01	0.10	Pass	Trifloxystrobin	ND ¹	0.02	0.01	0.10	Pass

¹ND = Not Detected
 NT = Not Tested

Heavy Metals Profiling - Pass

Analysis of Heavy Metals. [SOP-012] | Date Performed: 2019-04-26

	ug/g	LOQ(ug/g)	LOD(ug/g)	Action Limit	Status
Cadmium	<LOQ	0.03	0.01	0.2	Pass
Lead	<LOQ	0.12	0.04	0.5	Pass
Arsenic	<LOQ	0.06	0.02	0.2	Pass
Mercury	ND ¹	0.03	0.01	0.1	Pass

¹ND = Not Detected

Water Activity - Pass

Analysis to determine water activity | Date Performed: 2019-04-23

Aw	Action Limit (Aw)	Status
0.58	0.65	Pass

Foreign Material Analysis - Pass

Analysis to determine whether foreign material is present | Date Performed: 2019-04-23

Analysis	Status
Product within acceptable limits for all foreign material criteria.	Pass

CW uses its best efforts to deliver high-quality results and to verify that the data contained therein are based on sound scientific judgment. However, CW makes no warranties or claims to that effect and further shall not be liable for any damage or misrepresentation that may result from the use or misuse of these data in any way. Further, CW makes no claims regarding the representativeness of the analyzed sample to the larger batch from which it was taken. The limit of liability accepted by CW Analytical is limited to the total amount invoiced for services provided. All LQC samples required by § 5730 were performed and met the acceptance criteria required by California Code of Regulations Title 16 Division 42. As part of our strict confidentiality policy, CW can only discuss results with the original client of record. Comments? lab@cwanalytical.com
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Overall Batch Status - Pass



Mycotoxin Screening - Pass

Analysis of Mycotoxins. | Date Performed: 2019-04-26

	ug/kg	LOQ (ug/kg)	LOD (ug/kg)	Status
Aflatoxin B1	ND ¹	1.2	0.4	Pass
aflatoxin B2	ND ¹	1.2	0.4	Pass
Aflatoxin G1	ND ¹	1.2	0.4	Pass
Aflatoxin G2	ND ¹	1.2	0.4	Pass
Ochratoxin A	ND ¹	1.8	0.6	Pass
Aflatoxin sum²	0.00	NA	NA	

¹ND = Not Detected
²Sum of Aflatoxin B1, B2, G1, G2

Terpene Profiling -

Analysis of terpenes. [SOP-012] | Date Performed:

	PPM	mg/g	LOQ(mg/g)	LOD(mg/g)	L.C. ²	Status		PPM	mg/g	LOQ(mg/g)	LOD(mg/g)	L.C. ²	Status
a-Pinene	NT						Terpinolene	NT					
Camphene	NT						Linalool	NT					
b-Myrcene	NT						Isopulegol	NT					
b-Pinene	NT						Geraniol	NT					
d3-Carene	NT						b-Caryophyllene	NT					
a-Terpinene	NT						a-Caryophyllene	NT					
a-Ocimene	NT						cis-Nerolidol	NT					
d-Limonene	NT						trans-Nerolidol	NT					
p-Cymene	NT						guaiol	NT					
b-Ocimene	NT						a-Bisabolol	NT					
g-Terpinene	NT												

Total Terpenes 0.0 PPM

¹ND = Not Detected
²L.C. = Label Claim

Moisture: 10.0%

(LPG-001) | Date Performed: 2019-04-23



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