

REGULATORY COMPLIANCE TESTING

COMPLIANCE CERTIFICATE OF ANALYSIS

Sample ID: CW29425S01

Batch ID: 03.180724.1B-B-Gel / Gelato Stubbies
Client Username: truehumboldt
CW Collection ID: HSGG180827-A1S
Primary Sample Size: 12.6 grams
Date Sampled: 2018-08-27
Date Received: 2018-08-27
Date Expires: 2019-08-24
Total Batch Weight/Count: 3508.4 grams
Date Reviewed: September 06, 2018
Sample Type: Preroll (Inhalable Harvest)

CW ANALYTICAL LABORATORIES | 510.545.6984 | 851 81st Avenue, Suite D, Oakland, CA 94621 | License No. C8-18-000021-TEMP
 Distributor Name: Humboldt Sun Growers Guild | Distributor Address: 55 Erickson Court Arcata CA 95521 | Distributor License No. C12-18-000084-TEMP
 Cultivator Name: Humboldt Edge Farms | Cultivator Address: P.O. Box 525, Willow Creek, CA 95573 | Cultivator License No. TML17-0000040

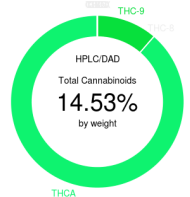


Overall Batch Status - Pass

Profiling by Liquid Chromatography - Pass

(SOP-014) | Date Performed: 2018-08-29

Cannabinoid	Percent	mg/g	LOQ (mg/g)	LOD (mg/g)	L.C. ^{A1}	Status
d9-THC	1.65	16.55	1.50	0.50	-	Pass
d8-THC	ND ¹	ND ¹	1.50	0.50	-	Pass
THCA	12.88	128.76	1.50	0.50	-	Pass
THCV	ND ¹	ND ¹	1.50	0.50	-	Pass
CBG	ND ¹	ND ¹	1.50	0.50	-	Pass
CBGA	<LOQ	<LOQ	1.50	0.50	-	Pass
CBN	ND ¹	ND ¹	1.50	0.50	-	Pass
CBD	ND ¹	ND ¹	1.50	0.50	-	Pass
CBDV	ND ¹	ND ¹	1.50	0.50	-	Pass
CBDA	ND ¹	ND ¹	1.50	0.50	-	Pass
Total	14.53	145.31	NA	NA	-	-
Total THC	12.95	129.47	-	-	-	Pass
Total CBD	ND¹	ND¹	-	-	-	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: 2018-08-28

	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

*TNTC = Too Numerous To Count

¹ND = Not Detected

Residual Solvent Analysis -

Analysis of residual solvents. [SOP-011] | Date Performed:

Solvent	ug/g	Action Limit	LOQ (ug/g)	LOD (ug/g)	Status
Benzene	NT				
Chloroform	NT				
1,2-Dichloroethane	NT				
Ethylene Oxide	NT				
Methylene Chloride	NT				
Trichloroethylene	NT				
Acetone	NT				
Acetonitrile	NT				
Ethanol	NT				
Ethyl Acetate	NT				
Diethyl ether	NT				
Heptane	NT				
Hexane	NT				
Isopropanol	NT				
Methanol	NT				
N-Butane	NT				
Pentane	NT				
Propane	NT				
Toluene	NT				
Total Xylenes	NT				

¹ND = Not Detected

NT = Not Tested

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Overall Batch Status - Pass

Chemical Residue Screening - Pass

Targeted analysis of chemical residues. [SOP-017] | Date Performed: 2018-08-30

	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	Pacllobutrazol	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	Proxoxure	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
Fonicamid	ND ¹	0.02	0.01	0.10	Pass	Trifloxystrobin	ND ¹	0.02	0.01	0.10	Pass

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Foreign Material Analysis - Pass

Analysis to determine whether foreign material is present | Date Performed: 2018-08-28

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

Moisture: 11.8% - Pass

(LPG-001) | Date Performed: 2018-08-28

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Overall Batch Status - Pass



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
b-Myrcene	NT						Camphor	NT					
Nerol	NT						Borneol	NT					
Nerolidol	NT						Pulegone	NT					
Ocimene	NT						Cedrol	NT					
a-Bisbolol	NT						b-Caryophyllene	NT					
Farnasene	NT						Elemene	NT					
Valencene	NT						Phellandrene	NT					
d3-Carene	NT						Isopulegol	NT					
d-Limonene	NT						Linalool	NT					
g-Terpinene	NT						(+)-Fenchone	NT					
a-Pinene	NT						a-Caryophyllene	NT					
Sabinene	NT						Guaiol	NT					
b-Pinene	NT						Bergamotene	NT					
Camphene	NT						Terpineol	NT					
Eucalyptol	NT						Terpinolene	NT					
(-)-Fenchone	NT						a-Terpinene	NT					
Fenchol	NT												

Total Terpenes 0.0 PPM

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