

REGULATORY COMPLIANCE TESTING

COMPLIANCE CERTIFICATE OF ANALYSIS

Sample ID: CW39151S06

Batch ID: RLF5
 Batch Des.: ICE CREAM CAKE
 Client Username: humboldtbrandcannabis company
 CW Collection ID: CWC58890004B06
 Primary Sample Size: 15.4 grams
 Date Sampled: 2019-11-06
 Date Received: 2019-11-07
 Date Expires: 2020-11-07
 Total Batch Weight/Count: 2,349.6 grams
 Date Reviewed: November 11, 2019
 Sample Type: Flower_unpack (Inhalable Harvest)

Distributor Name: Humboldt Brand Cannabis Company
 Distributor Address: 120 Northwestern Ave. Rio Dell CA 95562
 Distributor License No. C11-0000178-LIC
 Cultivator Name: RIDGE LINE FARMS
 Cultivator Address: 991 SAWMILL RD. UNINCORPORATED, CA. 95542
 Cultivator License No. CCL18-0002861

CW ANALYTICAL LABORATORIES | 510.545.6984 | 851 81st Avenue, Suite D, Oakland, CA 94621 | License No. C8-0000077-LIC

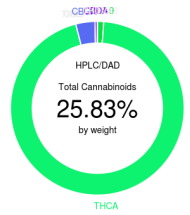
Overall Batch Status - Pass



Profiling by Liquid Chromatography - Pass

(SOP-014) | Date Performed: 2019-11-08

Cannabinoid	Percent	mg/g	LOQ (mg/g)	LOD (mg/g)	L.C. ^{A1}	Status
d9-THC	0.31	3.13	1.00	0.33	-	Pass
d8-THC	ND ¹	ND ¹	1.00	0.33	-	Pass
THCA	24.49	244.90	1.00	0.33	-	Pass
THCV	ND ¹	ND ¹	1.00	0.33	-	Pass
THCVA	<LOQ	<1 mg/g	1.00	0.33	-	Pass
CBG	<LOQ	<1 mg/g	1.00	0.33	-	Pass
CBGA	0.92	9.24	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	ND ¹	ND ¹	1.00	0.33	-	Pass
CBDA	0.11	1.09	1.00	0.33	-	Pass
Total	25.83	258.360	NA	NA	-	-
Total THC	21.79	217.91	-	-	-	Pass
Total CBD	0.10	0.95	-	-	-	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: 2019-11-07

	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 -

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

Solvent	ug/g	Action Limit (ug/g)	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

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
 // CWLIMS v2.0 // Printed: December 11, 2019 [Page 1 of 3]



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

Robert W Martin, PhD
 Robert W Martin, PhD

REGULATORY COMPLIANCE TESTING

COMPLIANCE CERTIFICATE OF ANALYSIS

Sample ID: CW39151S06

Batch ID: RLF5
 Batch Des.: ICE CREAM CAKE
 Client Username: humboldtbrandcannabis company
 CW Collection ID: CWC58890004B06
 Primary Sample Size: 15.4 grams
 Date Sampled: 2019-11-06
 Date Received: 2019-11-07
 Date Expires: 2020-11-07
 Total Batch Weight/Count: 2,349.6 grams
 Date Reviewed: November 11, 2019
 Sample Type: Flower_unpack (Inhalable Harvest)

Distributor Name: Humboldt Brand Cannabis Company
 Distributor Address: 120 Northwestern Ave. Rio Dell CA 95562
 Distributor License No. C11-0000178-LIC
 Cultivator Name: RIDGE LINE FARMS
 Cultivator Address: 991 SAWMILL RD. UNINCORPORATED, CA. 95542
 Cultivator License No. CCL18-0002861

CW ANALYTICAL LABORATORIES | 510.545.6984 | 851 81st Avenue, Suite D, Oakland, CA 94621 | License No. C8-0000077-LIC

Overall Batch Status - Pass



Chemical Residue Screening - Pass

Targeted analysis of chemical residues. [SOP-017] | Date Performed: 2019-11-08

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

¹ND = Not Detected

Heavy Metals Profiling - Pass

Analysis of Heavy Metals. [SOP-012] | Date Performed: 2019-11-08

	ug/g	LOQ(ug/g)	LOD(ug/g)	Action Limit (ug/g)	Status
Cadmium	ND ¹	0.04	0.01	0.2	Pass
Lead	ND ¹	0.04	0.01	0.5	Pass
Arsenic	<LOQ	0.07	0.02	0.2	Pass
Mercury	ND ¹	0.05	0.02	0.1	Pass

¹ND = Not Detected

Water Activity - Pass

Analysis to determine water activity | Date Performed: 2019-11-07

Aw	Action Limit (Aw)	Status
0.53	0.65	Pass

Foreign Material Analysis - Pass

Analysis to determine whether foreign material is present | Date Performed: 2019-11-07

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
 // CWLIMS v2.0 // Printed: December 11, 2019 [Page 2 of 3]



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

Robert W Martin, PhD

REGULATORY COMPLIANCE TESTING

COMPLIANCE CERTIFICATE OF ANALYSIS

Sample ID: CW39151S06

Batch ID: RLF5
 Batch Des.: ICE CREAM CAKE
 Client Username: humboldtbrandcannabis company
 CW Collection ID: CWC58890004B06
 Primary Sample Size: 15.4 grams
 Date Sampled: 2019-11-06
 Date Received: 2019-11-07
 Date Expires: 2020-11-07
 Total Batch Weight/Count: 2,349.6 grams
 Date Reviewed: November 11, 2019
 Sample Type: Flower_unpack (Inhalable Harvest)

Distributor Name: Humboldt Brand Cannabis Company
 Distributor Address: 120 Northwestern Ave. Rio Dell CA 95562
 Distributor License No. C11-0000178-LIC
 Cultivator Name: RIDGE LINE FARMS
 Cultivator Address: 991 SAWMILL RD. UNINCORPORATED, CA. 95542
 Cultivator License No. CCL18-0002861

CW ANALYTICAL LABORATORIES | 510.545.6984 | 851 81st Avenue, Suite D, Oakland, CA 94621 | License No. C8-0000077-LIC

Overall Batch Status - Pass



Mycotoxin Screening - Pass

Analysis of Mycotoxins. | Date Performed: 2019-11-08

	ug/kg	LOQ (ug/kg)	LOD (ug/kg)	Status
Aflatoxin B1	ND ¹	3.6	1.2	Pass
aflatoxin B2	ND ¹	3.6	1.2	Pass
Aflatoxin G1	ND ¹	3.6	1.2	Pass
Aflatoxin G2	ND ¹	3.6	1.2	Pass
Ochratoxin A	ND ¹	5.1	1.7	Pass
Aflatoxin sum²	0.00	NA	NA	

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

Terpene Profiling - Pass

Analysis of terpenes. [SOP-012] | Date Performed: 2019-11-10

	Percent	mg/g	LOQ(mg/g)	LOD(mg/g)	L.C. ²	Status		Percent	mg/g	LOQ(mg/g)	LOD(mg/g)	L.C. ²	Status
a-Pinene	0.03	0.23	0.1	0.03	-	Pass	Terpinolene	ND ¹	0.00	0.1	0.03	-	Pass
Camphene	0.01	0.07	0.1	0.03	-	Pass	Linalool	0.16	1.52	0.1	0.03	-	Pass
b-Myrcene	0.02	0.21	0.1	0.03	-	Pass	Isopulegol	ND ¹	0.00	0.1	0.03	-	Pass
b-Pinene	0.04	0.41	0.1	0.03	-	Pass	Geraniol	0.01	0.07	0.1	0.03	-	Pass
d3-Carene	ND ¹	0.00	0.1	0.03	-	Pass	b-Caryophyllene	0.47	4.39	0.1	0.03	-	Pass
a-Terpinene	ND ¹	0.00	0.1	0.03	-	Pass	a-Caryophyllene	0.21	1.97	0.1	0.03	-	Pass
a-Ocimene	ND ¹	0.00	0.1	0.03	-	Pass	cis-Nerolidol	ND ¹	0.00	0.1	0.03	-	Pass
d-Limonene	0.35	3.26	0.1	0.03	-	Pass	trans-Nerolidol	0.12	1.09	0.1	0.03	-	Pass
p-Cymene	ND ¹	0.00	0.1	0.03	-	Pass	guaial	ND ¹	0.00	0.1	0.03	-	Pass
b-Ocimene	ND ¹	0.00	0.1	0.03	-	Pass	a-Bisabolol	NT ³	0.00	0.1	0.03	-	Pass
g-Terpinene	ND ¹	0.00	0.1	0.03	-	Pass							

Total Terpenes 1.4 Percent

¹ND = Not Detected
²L.C. = Label Claim
³NT = Not Tested

Moisture: 7.4%

(LPG-001) | Date Performed: 2019-11-07



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

Robert W Martin, PhD
 Robert W Martin, PhD