

SAMPLE NAME: Delta Cann Daytime - vape cart

Concentrate, Product Inhalable

CULTIVATOR / MANUFACTURER

Business Name: HC VENTURES, INC.
License Number: C12-18-0000036-TEMP
Address: 229 Encinal ST,
Santa Cruz, CA 95060

DISTRIBUTOR

Business Name: BLKBRD OCA, LLC
License Number: C11-0000329-LIC
Address: 926 HIGH ST,
OAKLAND, CA 94601

SAMPLE DETAIL

Batch Number: DCD1-072219

Sample ID: 200909P016

Source Metric UID:
1A40603000045C8000007671
1A40603000045C8000007672

Date Collected: 09/09/2020

Date Received: 09/09/2020

Batch Size: 806.0 Unit(s)

Sample Size: 27.0 Unit(s)

Unit Mass: 1 Grams per Unit*

Serving Size:

Sampling Method: QSP - (1265) Sampling of Cannabis and Product Batches

*Batch comprised of multiple unit sizes



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY ✔ PASS

Sum of Cannabinoids: 89.283%

Total Cannabinoids: 89.275%

Total THC: 10.359%

Total CBD: 51.639%

Sum of Cannabinoids = $\Delta 9\text{THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$
Total Cannabinoids = $(\Delta 9\text{THC} + 0.877 * \text{THCa}) + (\text{CBD} + 0.877 * \text{CBDa}) + (\text{CBG} + 0.877 * \text{CBGa}) + (\text{THCV} + 0.877 * \text{THCVa}) + (\text{CBC} + 0.877 * \text{CBCa}) + (\text{CBDV} + 0.877 * \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$
Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:
Total THC = $\Delta 9\text{THC} + (\text{THCa} * 0.877)$
Total CBD = $\text{CBD} + (\text{CBDa} * 0.877)$

Moisture: NT

Density: NT

Viscosity: NT

SAFETY ANALYSIS - SUMMARY

$\Delta 9\text{THC}$ per Unit: ✔ PASS

Foreign Material: ✔ PASS

Residual Solvents: ✔ PASS

Pesticides: ✔ PASS

Mycotoxins: ✔ PASS

Heavy Metals: ✔ PASS

Microbial Impurities: ✔ PASS

These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

Sample Certification: California Code of Regulations Title 16 Effect Date January 16, 2019. Authority: Section 26013, Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)


 LQC verified by: Reza Naemeh
 Date: 09/13/2020


 Approved by: Josh Wurzer, President
 Date: 09/13/2020



Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP - (1157) Analysis of Cannabinoids by HPLC-DAD

TOTAL CANNABINOIDS: 89.275%

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ8THC + CBL + CBN

TOTAL THC: 10.359%

Total THC (Δ9THC+0.877*THCa)

TOTAL CBD: 51.639%

Total CBD (CBD+0.877*CBDa)

TOTAL CBG: 0.991%

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 6.06%

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.336%

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 09/10/2020 ✔ PASS

| COMPOUND | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g) | RESULT (%) |
|----------------------------|----------------|--------------------------------|--------------------|----------------|
| CBD | 0.07 / 0.20 | ±23.881 | 515.78 | 51.578 |
| Δ8THC | 0.1 / 0.4 | ±15.05 | 187.7 | 18.77 |
| Δ9THC | 0.06 / 0.18 | ±3.563 | 103.59 | 10.359 |
| CBC | 0.2 / 0.5 | ±1.78 | 60.6 | 6.06 |
| CBG | 0.06 / 0.19 | ±0.390 | 9.91 | 0.991 |
| CBN | 0.1 / 0.3 | ±0.59 | 9.1 | 0.91 |
| CBDV | 0.04 / 0.14 | ±0.146 | 3.36 | 0.336 |
| CBL | 0.06 / 0.18 | ±0.073 | 2.10 | 0.210 |
| CBDa | 0.02 / 0.07 | ±0.020 | 0.69 | 0.069 |
| THCa | 0.05 / 0.14 | N/A | ND | ND |
| THCV | 0.1 / 0.2 | N/A | ND | ND |
| THCVa | 0.07 / 0.20 | N/A | ND | ND |
| CBDVa | 0.03 / 0.10 | N/A | ND | ND |
| CBGa | 0.1 / 0.2 | N/A | ND | ND |
| CBCa | 0.07 / 0.21 | N/A | ND | ND |
| SUM OF CANNABINOIDS | | | 892.83 mg/g | 89.283% |

Unit Mass: 1 Grams per Unit

| | | | |
|------------------------------|--------------------------|----------------|------|
| Δ9THC per Unit | 1100.0 per-package limit | 103.59 mg/unit | PASS |
| Total THC per Unit | | 103.59 mg/unit | |
| CBD per Unit | | 515.78 mg/unit | |
| Total CBD per Unit | | 516.39 mg/unit | |
| Sum of Cannabinoids per Unit | | 892.83 mg/unit | |
| Total Cannabinoids per Unit | | 892.75 mg/unit | |

MOISTURE TEST RESULT

Not Tested

DENSITY TEST RESULT

Not Tested

VISCOSITY TEST RESULT

Not Tested



 **Pesticide Analysis**

CATEGORY 1 PESTICIDE TEST RESULTS - 09/11/2020 ✔ PASS

CATEGORY 1 AND 2 PESTICIDES

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS). *GC-MS utilized where indicated.

Method: QSP - (1212) Analysis of Pesticides and Mycotoxins by LC-MS or QSP - (1213) Analysis of Pesticides by GC-MS

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|-------------------|----------------|---------------------|--------------------------------|---------------|--------|
| Aldicarb | 0.03 / 0.09 | ≥ LOD | N/A | ND | PASS |
| Carbofuran | 0.01 / 0.04 | ≥ LOD | N/A | ND | PASS |
| Chlordane* | 0.03 / 0.08 | ≥ LOD | N/A | ND | PASS |
| Chlorfenapyr* | 0.03 / 0.10 | ≥ LOD | N/A | ND | PASS |
| Chlorpyrifos | 0.02 / 0.06 | ≥ LOD | N/A | ND | PASS |
| Coumaphos | 0.02 / 0.06 | ≥ LOD | N/A | ND | PASS |
| Daminozide | 0.03 / 0.10 | ≥ LOD | N/A | ND | PASS |
| DDVP (Dichlorvos) | 0.02 / 0.07 | ≥ LOD | N/A | ND | PASS |
| Dimethoate | 0.02 / 0.07 | ≥ LOD | N/A | ND | PASS |
| Ethoprop(hos) | 0.03 / 0.08 | ≥ LOD | N/A | ND | PASS |
| Etofenprox | 0.02 / 0.05 | ≥ LOD | N/A | ND | PASS |
| Fenoxycarb | 0.02 / 0.06 | ≥ LOD | N/A | ND | PASS |
| Fipronil | 0.02 / 0.06 | ≥ LOD | N/A | ND | PASS |
| Imazalil | 0.02 / 0.06 | ≥ LOD | N/A | ND | PASS |
| Methiocarb | 0.02 / 0.06 | ≥ LOD | N/A | ND | PASS |
| Methyl parathion | 0.03 / 0.10 | ≥ LOD | N/A | ND | PASS |
| Mevinphos | 0.03 / 0.09 | ≥ LOD | N/A | ND | PASS |
| Paclobutrazol | 0.02 / 0.05 | ≥ LOD | N/A | ND | PASS |
| Propoxur | 0.02 / 0.06 | ≥ LOD | N/A | ND | PASS |
| Spiroxamine | 0.02 / 0.05 | ≥ LOD | N/A | ND | PASS |
| Thiacloprid | 0.03 / 0.07 | ≥ LOD | N/A | ND | PASS |

CATEGORY 2 PESTICIDE TEST RESULTS - 09/11/2020 ✔ PASS

| | | | | | |
|---------------------|-------------|-----|-----|----|------|
| Abamectin | 0.03 / 0.10 | 0.1 | N/A | ND | PASS |
| Acephate | 0.01 / 0.04 | 0.1 | N/A | ND | PASS |
| Acequinocyl | 0.02 / 0.05 | 0.1 | N/A | ND | PASS |
| Acetamiprid | 0.02 / 0.05 | 0.1 | N/A | ND | PASS |
| Azoxystrobin | 0.01 / 0.04 | 0.1 | N/A | ND | PASS |
| Bifenazate | 0.01 / 0.02 | 0.1 | N/A | ND | PASS |
| Bifenthrin | 0.01 / 0.02 | 3 | N/A | ND | PASS |
| Boscalid | 0.02 / 0.06 | 0.1 | N/A | ND | PASS |
| Captan | 0.2 / 0.5 | 0.7 | N/A | ND | PASS |
| Carbaryl | 0.01 / 0.02 | 0.5 | N/A | ND | PASS |
| Chlorantraniliprole | 0.01 / 0.03 | 10 | N/A | ND | PASS |

Continued on next page





Pesticide Analysis *Continued*

CATEGORY 2 PESTICIDE TEST RESULTS - 09/11/2020 *continued* ✔ PASS

CATEGORY 1 AND 2 PESTICIDES

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS). *GC-MS utilized where indicated.

Method: QSP - (1212) Analysis of Pesticides and Mycotoxins by LC-MS or QSP - (1213) Analysis of Pesticides by GC-MS

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|--------------------------|----------------|---------------------|--------------------------------|---------------|--------|
| Clofentezine | 0.02 / 0.06 | 0.1 | N/A | ND | PASS |
| Cyfluthrin | 0.1 / 0.4 | 2 | N/A | ND | PASS |
| Cypermethrin | 0.1 / 0.3 | 1 | N/A | ND | PASS |
| Diazinon | 0.01 / 0.04 | 0.1 | N/A | <LOQ | PASS |
| Dimethomorph | 0.01 / 0.03 | 2 | N/A | ND | PASS |
| Etoxazole | 0.010 / 0.028 | 0.1 | N/A | ND | PASS |
| Fenhexamid | 0.02 / 0.1 | 0.1 | N/A | ND | PASS |
| Fenpyroximate | 0.03 / 0.08 | 0.1 | N/A | ND | PASS |
| Flonicamid | 0.01 / 0.04 | 0.1 | N/A | ND | PASS |
| Fludioxonil | 0.03 / 0.08 | 0.1 | N/A | ND | PASS |
| Hexythiazox | 0.01 / 0.04 | 0.1 | N/A | ND | PASS |
| Imidacloprid | 0.01 / 0.04 | 5 | N/A | ND | PASS |
| Kresoxim-methyl | 0.02 / 0.07 | 0.1 | N/A | ND | PASS |
| Malathion | 0.02 / 0.05 | 0.5 | N/A | ND | PASS |
| Metalaxyl | 0.02 / 0.06 | 2 | N/A | ND | PASS |
| Methomyl | 0.03 / 0.1 | 1 | N/A | ND | PASS |
| Myclobutanil | 0.03 / 0.1 | 0.1 | N/A | ND | PASS |
| Naled | 0.03 / 0.1 | 0.1 | N/A | ND | PASS |
| Oxamyl | 0.02 / 0.06 | 0.5 | N/A | ND | PASS |
| Pentachloronitrobenzene* | 0.03 / 0.09 | 0.1 | N/A | ND | PASS |
| Permethrin | 0.03 / 0.09 | 0.5 | N/A | ND | PASS |
| Phosmet | 0.03 / 0.10 | 0.1 | N/A | ND | PASS |
| Piperonylbutoxide | 0.003 / 0.009 | 3 | ±0.0005 | 0.011 | PASS |
| Prallethrin | 0.03 / 0.08 | 0.1 | N/A | ND | PASS |
| Propiconazole | 0.01 / 0.03 | 0.1 | N/A | ND | PASS |
| Pyrethrins | 0.03 / 0.08 | 0.5 | N/A | ND | PASS |
| Pyridaben | 0.006 / 0.019 | 0.1 | N/A | ND | PASS |
| Spinetoram | 0.02 / 0.07 | 0.1 | N/A | ND | PASS |
| Spinosad | 0.02 / 0.06 | 0.1 | N/A | ND | PASS |
| Spiromesifen | 0.02 / 0.05 | 0.1 | N/A | ND | PASS |
| Spirotetramat | 0.01 / 0.02 | 0.1 | N/A | ND | PASS |
| Tebuconazole | 0.02 / 0.07 | 0.1 | N/A | ND | PASS |
| Thiamethoxam | 0.03 / 0.08 | 5 | N/A | ND | PASS |
| Trifloxystrobin | 0.01 / 0.03 | 0.1 | N/A | ND | PASS |





Mycotoxin Analysis

MYCOTOXIN TEST RESULTS - 09/10/2020 ✔ PASS

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS).

Method: QSP - (1212) Analysis of Pesticides and Mycotoxins by LC-MS

| COMPOUND | LOD/LOQ (µg/kg) | ACTION LIMIT (µg/kg) | MEASUREMENT UNCERTAINTY (µg/kg) | RESULT (µg/kg) | RESULT |
|-----------------|-----------------|----------------------|---------------------------------|----------------|--------|
| Aflatoxin B1 | 2.0 / 6.0 | 20 | N/A | ND | PASS |
| Aflatoxin B2 | 1.8 / 5.6 | 20 | N/A | ND | PASS |
| Aflatoxin G1 | 1.0 / 3.1 | 20 | N/A | ND | PASS |
| Aflatoxin G2 | 1.2 / 3.5 | 20 | N/A | ND | PASS |
| Total Aflatoxin | | 20 | | ND | PASS |
| Ochratoxin A | 6.3 / 19.2 | 20 | N/A | ND | PASS |



Residual Solvents Analysis

CATEGORY 1 RESIDUAL SOLVENTS TEST RESULTS - 09/11/2020 ✔ PASS

CATEGORY 1 AND 2 RESIDUAL SOLVENTS

Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS).

Method: QSP - (1204) Analysis of Residual Solvents by GC-MS

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|--------------------|----------------|---------------------|--------------------------------|---------------|--------|
| 1,2-Dichloroethane | 0.05 / 0.1 | 1 | N/A | ND | PASS |
| Benzene | 0.03 / 0.09 | 1 | N/A | ND | PASS |
| Chloroform | 0.1 / 0.2 | 1 | N/A | ND | PASS |
| Ethylene Oxide | 0.1 / 0.4 | 1 | N/A | <LOQ | PASS |
| Methylene chloride | 0.3 / 0.9 | 1 | N/A | ND | PASS |
| Trichloroethylene | 0.1 / 0.3 | 1 | N/A | ND | PASS |

CATEGORY 2 RESIDUAL SOLVENTS TEST RESULTS - 09/11/2020 ✔ PASS

| | | | | | |
|-------------------|----------|------|-----|------|------|
| Acetone | 20 / 50 | 5000 | N/A | <LOQ | PASS |
| Acetonitrile | 2 / 7 | 410 | N/A | ND | PASS |
| Butane | 10 / 50 | 5000 | N/A | ND | PASS |
| Ethanol | 20 / 50 | 5000 | N/A | <LOQ | PASS |
| Ethyl acetate | 20 / 60 | 5000 | N/A | ND | PASS |
| Ethyl ether | 20 / 50 | 5000 | N/A | ND | PASS |
| Heptane | 20 / 60 | 5000 | N/A | ND | PASS |
| Hexane | 2 / 5 | 290 | N/A | ND | PASS |
| Isopropyl Alcohol | 10 / 40 | 5000 | N/A | ND | PASS |
| Methanol | 50 / 200 | 3000 | N/A | ND | PASS |
| Pentane | 20 / 50 | 5000 | N/A | ND | PASS |
| Propane | 10 / 20 | 5000 | N/A | ND | PASS |
| Toluene | 7 / 21 | 890 | N/A | ND | PASS |
| Total Xylenes | 50 / 160 | 2170 | N/A | ND | PASS |



Heavy Metals Analysis

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

Method: QSP - (1160) Analysis of Heavy Metals by ICP-MS

HEAVY METALS TEST RESULTS - 09/10/2020 ✔ PASS

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|----------|----------------|---------------------|--------------------------------|---------------|--------|
| Cadmium | 0.02 / 0.05 | 0.2 | N/A | ND | PASS |
| Lead | 0.04 / 0.1 | 0.5 | ±0.00 | 0.4 | PASS |
| Arsenic | 0.02 / 0.1 | 0.2 | N/A | ND | PASS |
| Mercury | 0.002 / 0.01 | 0.1 | N/A | ND | PASS |

Microbial Impurities Analysis

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbial impurities.

Method: QSP - (1221) Analysis of Microbial Impurities

MICROBIAL IMPURITIES TEST RESULTS - 09/11/2020 ✔ PASS

| COMPOUND | ACTION LIMIT | RESULT | RESULT |
|---|--------------|--------|--------|
| Shiga toxin-producing <i>Escherichia coli</i> | Detect | ND | PASS |
| <i>Salmonella</i> spp. | Detect | ND | PASS |
| <i>Aspergillus fumigatus</i> | Detect | ND | PASS |
| <i>Aspergillus flavus</i> | Detect | ND | PASS |
| <i>Aspergillus niger</i> | Detect | ND | PASS |
| <i>Aspergillus terreus</i> | Detect | ND | PASS |

Foreign Material Analysis

Visual analysis includes, but is not limited to, sand, soil, cinders, dirt, mold, hair, insect fragments, and mammalian excreta.

Method: QSP - (1227) Analysis of Foreign Material in Cannabis and Cannabis Products

FOREIGN MATERIAL TEST RESULTS - 09/11/2020 ✔ PASS

| COMPOUND | ACTION LIMIT | RESULT |
|---|-----------------|--------|
| Total Sample Area Covered by Sand, Soil, Cinders, or Dirt | >25% | PASS |
| Total Sample Area Covered by Mold | >25% | PASS |
| Total Sample Area Covered by an Imbedded Foreign Material | >25% | PASS |
| Insect Fragment Count | > 1 per 3 grams | PASS |
| Hair Count | > 1 per 3 grams | PASS |
| Mammalian Excreta Count | > 1 per 3 grams | PASS |

NOTES

Unit mass corresponds to the mass of the largest unit size sampled. Total Batch Count comprised of 0.5 g and 1.0 g units.

