

SAMPLE NAME: D8 WHITE RUNTZ

Flower, Inhalable



Date Collected: 09/13/2020
Date Received: 09/13/2020
Batch Size:
Sample Size:
Unit Mass:
Serving Size:

CANNABINOID ANALYSIS - SUMMARY

Total THC: 0.18%

Total CBD: 16.47%

Sum of Cannabinoids: 365.7 mg/g

Total Cannabinoids: 36.57 %

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 = $\Delta 9\text{THC} + (\text{THCa} \cdot 0.877)$
 Total CBD = $\text{CBD} + (\text{CBDa} \cdot 0.877)$
 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 = $(\Delta 9\text{THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

Moisture:

Density:

Viscosity:


SAFETY ANALYSIS - SUMMARY

Pesticides:

Mycotoxins: NT

Residual Solvents: NT

Heavy Metals: NT

Microbial Impurities (PCR):  PASS

Microbial Impurities (Planting): NT

Foreign Material: NT

Water Activity: NT

Vitamin E Acetate: NT

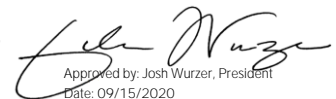
For quality assurance purposes. Not a Pre-Harvest Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.


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)


 LOC verified by: Randi Vuong
 Date: 09/15/2020


 Approved by: Josh Wurzer, President
 Date: 09/15/2020

 **Cannabinoid Analysis**

CANNABINOID TEST RESULTS 09/15/2020

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

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

TOTAL THC: 0.182%

Total THC ($\Delta 9\text{THC} + 0.877 * \text{THCa}$)

TOTAL CBD: 16.472%

Total CBD ($\text{CBD} + 0.877 * \text{CBDa}$)

TOTAL CANNABINOIDS: 36.57 %

Total Cannabinoids (Total THC) + (Total CBD) +

(Total CBG) + (Total THCV) + (Total CBC) +

(Total CBDV) + $\Delta 8\text{THC}$ + CBL + CBN

TOTAL CBG: 0.593%

Total CBG ($\text{CBG} + 0.877 * \text{CBGa}$)

TOTAL THCV: ND

Total THCV ($\text{THCV} + 0.877 * \text{THCVa}$)

TOTAL CBC: 0.214%

Total CBC ($\text{CBC} + 0.877 * \text{CBCa}$)

TOTAL CBDV: ND

Total CBDV ($\text{CBDV} + 0.877 * \text{CBDVa}$)

| COMPOUND | LOD / LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g) | RESULT (%) |
|----------------------------|---------------------|-----------------------------------|-------------------|----------------|
| CBDa | 0.06 / 0.17 | ± 2.877 | 150.60 | 15.06 |
| CBGa | 0.1 / 0.4 | ± 3.11 | 3.80 | 0.38 |
| CBD | 0.1 / 0.3 | ± 0.68 | 32.64 | 3.26 |
| CBCa | 0.1 / 0.4 | ± 0.32 | 1.21 | 0.12 |
| CBG | 0.2 / 0.5 | ± 0.19 | 2.60 | 0.26 |
| THCa | 0.04 / 0.12 | ± 0.086 | 0.82 | 0.08 |
| $\Delta 9\text{THC}$ | 0.1 / 0.4 | ± 0.06 | 1.10 | 0.11 |
| CBC | 0.1 / 0.2 | ± 0.07 | 1.08 | 0.11 |
| CBDVa | 0.02 / 0.06 | ± 0.003 | 7.00 | 0.70 |
| $\Delta 8\text{THC}$ | 0.05 / 0.15 | N/A | 164.85 | 16.49 |
| THCV | 0.07 / 0.21 | N/A | ND | ND |
| THCVa | 0.05 / 0.15 | N/A | ND | ND |
| CBDV | 0.1 / 0.3 | N/A | ND | ND |
| CBL | 0.1 / 0.4 | N/A | ND | ND |
| CBN | 0.07 / 0.20 | N/A | ND | ND |
| SUM OF CANNABINOIDS | | | 365.7 mg/g | 36.57 % |

MOISTURE TEST RESULT

Not Tested

DENSITY TEST RESULT

Not Tested

VISCOSITY TEST RESULT

Not Tested



Pesticide Analysis

CATEGORY 1 PESTICIDE TEST RESULTS 09/15/2020 ✔ 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 (ug/g) | ACTION LIMIT (ug/g) | MEASUREMENT UNCERTAINTY (ug/g) | RESULT (ug/g) | RESULT |
|---------------------|----------------|---------------------|--------------------------------|---------------|-------------|
| Aldicarb | | | | | NT |
| Carbofuran | | | | | NT |
| Chlordane* | | | | | NT |
| Chlorfenapyr* | | | | | NT |
| Chlorpyrifos | 0.02 / 0.06 | ≥ LOD | N/A | ND | PASS |
| Coumaphos | | | | | NT |
| Daminozide | | | | | NT |
| DDVP (Dichlorvos) | | | | | NT |
| Dimethoate | | | | | NT |
| Ethoprop(hos) | | | | | NT |
| Etofenprox | | | | | NT |
| Fenoxycarb | | | | | NT |
| Flpronil | | | | | NT |
| Imazalil | | | | | NT |
| Methiocarb | | | | | NT |
| Methyl Parathion | | | | | NT |
| Mevinphos | | | | | NT |
| Pacloutrazol | | | | | NT |
| Propoxur | | | | | NT |
| Sproxamine | | | | | NT |
| Thiacloprid | | | | | NT |

CATEGORY 2 PESTICIDE TEST RESULTS 09/15/2020 ✔ PASS

| | | | | | |
|---------------------|-------------|-----|-----|----|-------------|
| Abamectin | 0.03 / 0.10 | 0.1 | N/A | ND | PASS |
| Acephate | | | | | NT |
| Acequinocyl | | | | | NT |
| Acetamiprid | | | | | NT |
| 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 | | | | | NT |
| Carbaryl | | | | | NT |
| Chlorantranilprole | | | | | NT |

Continued on next page

 **Pesticide Analysis** *Continued*

CATEGORY 2 PESTICIDE TEST RESULTS 09/15/2020  **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 (ug/g) | ACTION LIMIT (ug/g) | MEASUREMENT UNCERTAINTY (ug/g) | RESULT (ug/g) | RESULT | |
|--------------------------|-------------------|------------------------|-----------------------------------|------------------|--------|------|
| Clofentezine | | | | | NT | |
| Cfluthrin | | | | | NT | |
| Cypermethrin | 0.1 / 0.3 | 1 | N/A | ND | PASS | |
| Diazinon | | | | | NT | |
| Dimethomorph | | | | | ND | PASS |
| Etoxazole | 0.010 / 0.028 | 0.1 | N/A | ND | PASS | |
| Fenhexamid | | | | | NT | |
| Fenpyroximate | | | | | NT | |
| Flonicamid | | | | | NT | |
| Fludoxonil | | | | | NT | |
| Hexythiazox | 0.01 / 0.04 | 0.1 | N/A | ND | PASS | |
| Imidacloprid | 0.01 / 0.04 | 5 | N/A | ND | PASS | |
| Kresoxim-methyl | | | | | NT | |
| Malathion | 0.02 / 0.05 | 0.5 | N/A | ND | PASS | |
| Metlaxyl | | | | | NT | |
| Methomyl | | | | | NT | |
| Myclobutanil | 0.03 / 0.1 | 0.1 | N/A | ND | PASS | |
| Naled | | | | | | |
| Oxamyl | | | | | NT | |
| Pentachloronitrobenzene* | | | | | NT | |
| Permethrin | 0.03 / 0.09 | 0.5 | N/A | ND | PASS | |
| Phosmet | | | | | NT | |
| Piperonylbutoxide | 0.003 / 0.009 | 3 | N/A | ND | PASS | |
| Prallethrin | | | | | NT | |
| Propiconazole | 0.01 / 0.03 | 0.1 | N/A | ND | PASS | |
| Pyrethrins | | | | | NT | |
| Pyridaben | | | | | NT | |
| Spiinetoram | | | | | NT | |
| Sphosad | | | | | NT | |
| Spiromesifen | 0.02 / 0.05 | 0.1 | N/A | ND | PASS | |
| Spirotetramat | | | | | NT | |
| Tebuconazole | 0.02 / 0.07 | 0.1 | N/A | ND | PASS | |
| Thiamethoxam | | | | | NT | |
| Trifloxystrobin | 0.01 / 0.03 | 0.1 | N/A | ND | PASS | |

 **Microbial Impurities Analysis**
 PCR AND PLATING

MICROBIAL IMPURITIES TEST RESULTS (PCR) 09/15/2020  **PASS**

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

Method: OSP - (1221) Analysis of Microbial Impurities

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

Analysis conducted by 3M™ Petrifilm™ and plate counts of microbial impurities.

Method: OSP - (6794) Plating with 3M™ Petrifilm™

MICROBIAL IMPURITIES TEST RESULTS (PLATING)

| COMPOUND | RESULT |
|----------------------|--------|
| Aerobic Plate Count | NT |
| Total Yeast and Mold | NT |

