

Certificate: 1047

Sample ID: 2310SMAZ0167.0465
Batch #: 10

Hemp THCa Flower

Batch #: 10

Strain: 000010 Gorilla Freeze Cake

Parent Batch #:

Sample Collected:

Published: 10/30/2023

Sample ID: 2310SMAZ0167.0465

Amount Received: 5 g

Sample Type: Flower - Cured

Received: 10/18/2023

No Preview
Available

COMPLIANCE FOR RETAIL

Regulated Analytes

Cannabinoid Profile (Q3)

Tested

Microbial Contaminants

Not Tested

Residual Solvents

Not Tested**18.045%**

Total THC

Pesticides, Fungicides,
and Growth Regulators**Pass**

Mycotoxins

Not Tested

Heavy Metals

Pass**0.052%**

Total CBD

Additional Analytes (Not Regulated)

Terpenes Total (Q3)

Not Tested

Moisture Analysis (Q3)

Not Tested

Water Activity (Q3)

Not Tested**ND**

CBN

Filt & Foreign (Q3)

Not Tested

Homogeneity (Q3)

Not Tested**ND**

CBG

22.618%

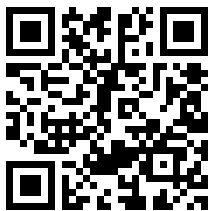
Total Cannabinoids (Q3)

Ahmed Munshi

Technical Laboratory Director

**Smithers CTS Arizona LLC**734 W Highland Avenue, 2nd Floor
Phoenix, AZ 85013
(602) 806-6930

Accreditation #: 103104

**CERTIFICATE OF ANALYSIS**
License #: 00000020LCVT89602592

Certificate: 1047

Sample ID: 2310SMAZ0167.0465

Batch #: 10

Cannabinoid Profile

HPLC

Tested**Sample Prep**

Batch Date: 10/18/2023

SOP: 418.AZ

Batch Number: 184

Sample Analysis

Date: 10/19/2023

SOP: 417.AZ - HPLC

Sample Weight: 0.1079 g

Volume: 40 mL

| Analyte | LOD (mg/g) | LOQ (mg/g) | Dil. | Actual % (w/w) | mg/g | Qualifier |
|---------|------------|------------|------|----------------|---------|-----------|
| CBC | 0.119 | 0.362 | 1 | ND | ND | |
| CBD | 0.119 | 0.362 | 1 | ND | ND | |
| CBDA | 0.119 | 0.362 | 1 | 0.059 | 0.593 | |
| CBDV | 0.119 | 0.362 | 1 | ND | ND | |
| CBG | 0.119 | 0.362 | 1 | ND | ND | |
| CBGA | 0.119 | 0.362 | 1 | 2.030 | 20.301 | |
| CBN | 0.119 | 0.362 | 1 | ND | ND | |
| d8-THC | 0.119 | 0.362 | 1 | ND | ND | |
| d9-THC | 0.119 | 0.362 | 1 | 0.241 | 2.412 | |
| THCA | 0.119 | 0.362 | 1 | 20.187 | 201.869 | |
| THCV | 0.119 | 0.362 | 1 | ND | ND | |

| Cannabinoid Totals | Actual % (w/w) | mg/g | Qualifier |
|--------------------|----------------|---------|-----------|
| Total THC | 18.045 | 180.451 | |
| Total CBD | 0.052 | 0.520 | |
| Total Cannabinoids | 22.618 | 226.176 | Q3 |

Total THC = THC + (0.877 x THCA) and Total CBD = CBD + (0.877 x CBDA)
ND = Not Detected, NT = Not Tested, <LOQ = Below Limit of Quantitation

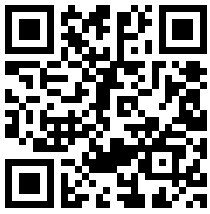
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Twenty One Cannabis



CERTIFICATE OF ANALYSIS
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Certificate: 1047

Sample ID: 2310SMAZ0167.0465
Batch #: 10

Heavy Metals

ICP-MS

Pass

Sample Prep

Batch Date: 10/19/2023
SOP: 428.AZ
Batch Number: 188

Sample Analysis

Date: 10/19/2023
SOP: 428.AZ - ICP-MS
Sample Weight: 0.2230 g
Volume: 6 mL

| Analyte | LOD (ppm) | LOQ (ppm) | Dil. | Action Limit (ppm) | Results (ppm) | Qualifier |
|---------|-----------|-----------|------|--------------------|---------------|-----------|
| Arsenic | 0.018 | 0.179 | 10 | 0.4 | ND | |
| Cadmium | 0.018 | 0.179 | 10 | 0.4 | ND | |
| Lead | 0.018 | 0.449 | 10 | 1 | <LOQ | |
| Mercury | 0.018 | 0.090 | 10 | 0.2 | ND | |

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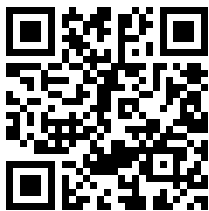
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Certificate: 1047

Sample ID: 2310SMAZ0167.0465
Batch #: 10**Pesticides, Fungicides, and
Growth Regulators**
LC-MS/MS **Pass****Sample Prep**Batch Date: 10/18/2023
SOP: 432.AZ
Batch Number: 178**Sample Analysis**Date: 10/19/2023
SOP: 424.AZ - LC-MS/MS
Sample Weight: 0.5233 g
Volume: 12.5 mL

| Analyte | LOD / LOQ (ppm) | Dil. | Action Limit (ppm) | Results (ppm) | Qualifier | Analyte | LOD / LOQ (ppm) | Dil. | Action Limit (ppm) | Results (ppm) | Qualifier |
|---------------------|-----------------|------|--------------------|---------------|-----------|--------------------|-----------------|------|--------------------|---------------|-----------|
| Abamectin B1a | 0.079 / 0.239 | 1 | 0.5 | ND | I1 | Hexythiazox | 0.160 / 0.478 | 1 | 1 | ND | M2 |
| Acephate | 0.064 / 0.191 | 1 | 0.4 | ND | | Imazalil | 0.032 / 0.096 | 1 | 0.2 | ND | |
| Acetamiprid | 0.032 / 0.096 | 1 | 0.2 | ND | | Imidacloprid | 0.064 / 0.191 | 1 | 0.4 | ND | |
| Aldicarb | 0.064 / 0.191 | 1 | 0.4 | ND | | Kresoxim-methyl | 0.064 / 0.191 | 1 | 0.4 | ND | |
| Azoxystrobin | 0.032 / 0.096 | 1 | 0.2 | ND | | Malathion | 0.032 / 0.096 | 1 | 0.2 | ND | |
| Bifenazate | 0.032 / 0.096 | 1 | 0.2 | ND | | Metaxyl | 0.032 / 0.096 | 1 | 0.2 | ND | |
| Bifenthrin | 0.032 / 0.096 | 1 | 0.2 | ND | M2 | Methiocarb | 0.032 / 0.096 | 1 | 0.2 | ND | M1 |
| Boscalid | 0.064 / 0.191 | 1 | 0.4 | ND | M1 | Methomyl | 0.064 / 0.191 | 1 | 0.4 | ND | |
| Carbaryl | 0.032 / 0.096 | 1 | 0.2 | ND | | Myclobutanil | 0.032 / 0.096 | 1 | 0.2 | ND | M1 |
| Carbofuran | 0.032 / 0.096 | 1 | 0.2 | ND | | Naled | 0.079 / 0.239 | 1 | 0.5 | ND | |
| Chlorantraniliprole | 0.032 / 0.096 | 1 | 0.2 | ND | M1 | Oxamyl | 0.160 / 0.478 | 1 | 1 | ND | |
| Chlorfenapyr | 0.160 / 0.478 | 1 | 1 | ND | I1, M1 | Paclobutrazol | 0.064 / 0.191 | 1 | 0.4 | ND | M1 |
| Chlorpyrifos | 0.032 / 0.096 | 1 | 0.2 | ND | M2 | Permethrins | 0.032 / 0.096 | 1 | 0.2 | ND | I1, M2 |
| Clofentezine | 0.032 / 0.096 | 1 | 0.2 | ND | | Phosmet | 0.032 / 0.096 | 1 | 0.2 | ND | |
| Cyfluthrin | 0.160 / 0.478 | 1 | 1 | ND | | Piperonyl Butoxide | 0.318 / 0.955 | 1 | 2 | ND | M2 |
| Cypermethrin | 0.160 / 0.478 | 1 | 1 | ND | M2 | Prallethrin | 0.032 / 0.096 | 1 | 0.2 | ND | |
| Daminozide | 0.160 / 0.478 | 1 | 1 | ND | | Propiconazole | 0.064 / 0.191 | 1 | 0.4 | ND | |
| Diazinon | 0.032 / 0.096 | 1 | 0.2 | ND | | Propoxur | 0.032 / 0.096 | 1 | 0.2 | ND | |
| Dichlorvos | 0.016 / 0.048 | 1 | 0.1 | ND | | Pyrethrins | 0.134 / 0.400 | 1 | 1 | ND | I1, M1 |
| Dimethoate | 0.032 / 0.096 | 1 | 0.2 | ND | | Pyridaben | 0.032 / 0.096 | 1 | 0.2 | ND | M2 |
| Ethoprophos | 0.032 / 0.096 | 1 | 0.2 | ND | | Spinosad | 0.032 / 0.096 | 1 | 0.2 | ND | M2 |
| Etofenprox | 0.064 / 0.191 | 1 | 0.4 | ND | | Spiromesifen | 0.032 / 0.096 | 1 | 0.2 | ND | |
| Etoxazole | 0.032 / 0.096 | 1 | 0.2 | ND | | Spirotetramat | 0.032 / 0.096 | 1 | 0.2 | ND | |
| Fenoxycarb | 0.032 / 0.096 | 1 | 0.2 | ND | | Spiroxamine | 0.064 / 0.191 | 1 | 0.4 | ND | |
| Fenpyroximate | 0.064 / 0.191 | 1 | 0.4 | ND | M2 | Tebuconazole | 0.064 / 0.191 | 1 | 0.4 | ND | |
| Fipronil | 0.064 / 0.191 | 1 | 0.4 | ND | | Thiacloprid | 0.032 / 0.096 | 1 | 0.2 | ND | |
| Fonicamid | 0.160 / 0.478 | 1 | 1 | ND | | Thiamethoxam | 0.032 / 0.096 | 1 | 0.2 | ND | |
| Fludioxonil | 0.064 / 0.191 | 1 | 0.4 | ND | M1 | Trifloxystrobin | 0.032 / 0.096 | 1 | 0.2 | ND | M2 |

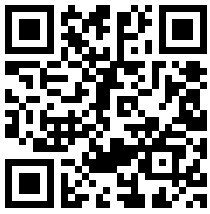
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Batch #: 10

Qualifier Legend

- B1** The target analyte detected in the calibration is at or above the limit of quantitation, but the sample result for potency testing, is below the limit of quantitation.
- B2** The target analyte detected in the calibration blank, or the method blank is at or above the limit of quantitation, but the sample result when testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, is below the maximum allowable concentration for the analyte.
- D1** The limit of quantitation and the sample results were adjusted to reflect sample dilution.
- I1** The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance with respect to the reference spectra, indicating interference.
- L1** When testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, the percent recovery of a laboratory control sample is greater than the acceptance limits, but the sample's target analytes were not detected above the maximum allowable concentrations for the analytes in the sample.
- M1** The recovery from the matrix spike was high, but the recovery from the laboratory control sample was within acceptance criteria.
- M2** The recovery from the matrix spike was low, but the recovery from the laboratory control sample was within acceptance criteria.
- M3** The recovery from the matrix spike was unusable because the analyte concentration was disproportionate to the spike level, but the recovery from the laboratory control sample was within acceptance criteria.
- M4** The analysis of a spiked sample required a dilution such that the spike recovery calculation does not provide useful information, but the recovery from the associated laboratory control sample was within acceptance criteria.
- M5** The analyte concentration was determined by the method of standard addition, in which the standard is added directly to the aliquots of the analyzed sample.
- M6** A description of the variance is described in the final report of testing according to R9-17-404.06(B)(3)(d)(ii).
- Q1** Sample integrity was not maintained.
- Q2** The sample is heterogeneous, and sample homogeneity could not be readily achieved using routine laboratory practices.
- Q3** Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317.
- R1** The relative percent difference for the laboratory control sample and duplicate exceeded the limit, but the recovery was within acceptance criteria.
- R2** The relative percent difference for a sample and duplicate exceeded the limit.
- V1** The recovery from continuing calibration verification standards exceeded the acceptance limits, but the sample's target analytes were not detected above the maximum allowable for the analytes in the sample.

Notes:

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