

## High Grade Confidential

License#: 0000077DCPS00216601  
2320 E Baseline Rd Ste 490  
Phoenix, AZ 85042  
(520) 780-7740

Additional Licenses:

Batch #: 070630213781; External Lot #:

Sample Batch Collection: 08/18/21 14:20; Sample Batch Collected By: High Grade Confiden  
Sample Received: 8/18/2021; Report Created: 10/26/2021

Dr. Who Crumble

Laboratory Number: 2108148-05  
Concentrates

|                                 |                           |                                  |                       |                           |                            |                                    |
|---------------------------------|---------------------------|----------------------------------|-----------------------|---------------------------|----------------------------|------------------------------------|
| <b>Herbicides</b><br>Not Tested | <b>Pesticides</b><br>PASS | <b>Residual Solvents</b><br>PASS | <b>Metals</b><br>PASS | <b>Mycotoxins</b><br>PASS | <b>Aspergillus</b><br>PASS | <b>E. Coli/ Salmonella</b><br>PASS |
|---------------------------------|---------------------------|----------------------------------|-----------------------|---------------------------|----------------------------|------------------------------------|

### Sample Image



### Residual Solvents (GCMS-MS) Analyzed: 08/31/21 By: KSG

| Analyte           | RL     | ppm | Q      |
|-------------------|--------|-----|--------|
| Propane           | 625.00 | ND  | L1, M1 |
| Butanes           | 625.00 | ND  |        |
| Pentanes          | 145.00 | ND  |        |
| Acetonitrile      | 205.00 | ND  | R1     |
| Dichloromethane   | 300.00 | ND  | V1     |
| Hexanes           | 145.00 | ND  |        |
| Chloroform        | 30.00  | ND  | L1, R1 |
| n-Heptane         | 2500.0 | ND  |        |
| Methanol          | 1500.0 | ND  | V1     |
| Ethanol           | 2500.0 | ND  | R1     |
| Diethyl Ether     | 2500.0 | ND  |        |
| Acetone           | 500.00 | ND  | M1     |
| Isopropanol       | 2500.0 | ND  | L1, M1 |
| Ethyl acetate     | 2500.0 | ND  | M1, R1 |
| Isopropyl acetate | 2500.0 | ND  | M1     |
| Benzene           | 1.00   | ND  |        |
| Toluene           | 445.00 | ND  |        |
| Xylenes           | 100.00 | ND  |        |

### Cannabinoid (HPLC) Analyzed: 08/24/21 By: CBH

| Analyte     | LOQ % | %     | mg/g | Q  |
|-------------|-------|-------|------|----|
| THC-A       | 1.91  | 84.57 | 846  | D1 |
| delta 9-THC | 0.10  | 2.92  | 29.2 |    |
| delta 8-THC | 0.10  | ND    | ND   |    |
| THC-V       | 0.10  | 0.13  | 1.25 |    |
| CBG-A       | 0.10  | 1.50  | 15.0 |    |
| CBD-A       | 0.10  | 0.20  | 2.01 |    |
| CBD         | 0.10  | ND    | ND   |    |
| CBD-V       | 0.10  | ND    | ND   |    |
| CBN         | 0.10  | ND    | ND   |    |
| CBG         | 0.10  | 0.37  | 3.66 |    |
| CBC         | 0.10  | ND    | ND   |    |

### Metals (ICP-MS) Analyzed: 08/24/21 By: JVR

| Element | RL    | ppm | Q  |
|---------|-------|-----|----|
| Arsenic | 0.020 | ND  | M1 |
| Cadmium | 0.020 | ND  |    |
| Lead    | 0.020 | ND  |    |
| Mercury | 0.002 | ND  |    |

### Regulated Microbials (Petrifilm) Analyzed: 8/21/2021 By: NKB

| Pathogens | RL   | Result | Units | Q |
|-----------|------|--------|-------|---|
| E. coli   | 10.0 | ND     | cfu/g |   |

### Regulated Microbials (PCR) Analyzed: 8/21/2021 By: LEF

| Pathogens   | RL   | Result | Units | Q |
|-------------|------|--------|-------|---|
| Aspergillus | 1.00 | Absent | cfu/g |   |
| Salmonella  | 1.00 | Absent | cfu/g |   |

|  |   |   |
|--|---|---|
| 77.12 %<br>771.20 mg/g<br><b>Total THC</b> | 0.18 %<br>1.76 mg/g<br><b>Total CBD</b> | 89.70 %<br>897.00 mg/g<br><b>Total Cannabinoids</b> |
|--|---|---|

Total THC = THCa \* 0.877 + delta 9-THC + delta 8-THC; Total CBD = CBDA \* 0.877 + CBD

### Regulated Mycotoxins (LC-MS TQ) Analyzed: 08/25/21 By: LEH

| Pathogens   | RL   | ppb | Q      |
|-------------|------|-----|--------|
| Aflatoxins  | 1.07 | ND  | M2     |
| Ochratoxins | 2.15 | ND  | M2, R1 |

RL = Reporting Limit  
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LOQ = Limit of Quantification



Erin Polly  
Technical Laboratory Director

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| Pesticides (LC-MS TQ) Analyzed: 08/23/21 By: MLC |       |     |    |                   |       |     |    |
|--|-------|-----|----|-------------------|-------|-----|----|
| Analyte  | RL    | ppm | Q  | Analyte           | RL    | ppm | Q  |
| Acephate   | 0.215 | ND  |    | Acequinocyl       | 1.07  | ND  | V1 |
| Acetamiprid                                      | 0.107 | ND  |    | Aldicarb          | 0.215 | ND  |    |
| Azoxystrobin                                     | 0.107 | ND  |    | Bifenthrin        | 0.107 | ND  |    |
| Boscalid   | 0.215 | ND  |    | Carbaryl          | 0.107 | ND  |    |
| Carbofuran                                       | 0.107 | ND  |    | Chlorpyrifos      | 0.107 | ND  |    |
| Diazinon   | 0.107 | ND  |    | Dimethoate        | 0.107 | ND  |    |
| Ethoprophos                                      | 0.107 | ND  |    | Etofenprox        | 0.215 | ND  |    |
| Etoxazole  | 0.107 | ND  |    | Fenoxycarb        | 0.107 | ND  |    |
| Fenpyroximate E                                  | 0.215 | ND  |    | Fonicamid         | 0.536 | ND  |    |
| Fludioxonil                                      | 0.215 | ND  |    | Hexythiazox       | 0.536 | ND  |    |
| Imazalil   | 0.107 | ND  |    | Imidacloprid      | 0.215 | ND  |    |
| Kresoxim-methyl                                  | 0.215 | ND  |    | Malathion         | 0.107 | ND  |    |
| Metalaxyl  | 0.107 | ND  |    | Methiocarb        | 0.107 | ND  |    |
| Methomyl   | 0.215 | ND  |    | Myclobutanil      | 0.107 | ND  |    |
| Naled  | 0.268 | ND  |    | Oxamyl            | 0.536 | ND  |    |
| Piperonyl butoxide                               | 1.07  | ND  |    | Propiconazole     | 0.215 | ND  |    |
| Propoxure  | 0.107 | ND  |    | Spiromesifen      | 0.107 | ND  |    |
| Spirotetramat                                    | 0.107 | ND  |    | Spiroxamine       | 0.215 | ND  |    |
| Tebuconazole                                     | 0.215 | ND  |    | Thiacloprid       | 0.107 | ND  |    |
| Thiamethoxam                                     | 0.107 | ND  |    | Trifloxystrobin   | 0.107 | ND  |    |
| Abamectin  | 0.268 | ND  |    | Bifenazate        | 0.107 | ND  |    |
| Chlorantraniliprole                              | 0.107 | ND  |    | Clofentezine      | 0.107 | ND  |    |
| Cyfluthrin                                       | 1.07  | ND  |    | Cypermethrin      | 0.536 | ND  |    |
| Daminozide                                       | 0.536 | ND  |    | DDVP (Dichlorvos) | 0.054 | ND  |    |
| Fipronil   | 0.215 | ND  |    | Paclobutrazol     | 0.215 | ND  |    |
| Permethrins                                      | 0.107 | ND  |    | Phosmet           | 0.107 | ND  |    |
| Prallethrin                                      | 0.107 | ND  | V1 | Pyrethrins        | 0.536 | ND  |    |
| Pyridaben  | 0.107 | ND  |    | Spinosad          | 0.107 | ND  |    |
| Chlorfenapyr                                     | 1.07  | ND  |    |                   |       |     |    |

| Herbicides (LC-MS TQ) Analyzed: By: |    |     |   |
|-------------------------------------|----|-----|---|
| Analyte                             | RL | ppm | Q |
| Pendimethalin                       | NT | NT  |   |

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Non-Regulated Microbials (PetriFilms) Analyzed: By:

|                  | RL | Result | Units | Q |
|------------------|----|--------|-------|---|
| <b>Pathogens</b> |    |        |       |   |
| Total Coliform   | NT | NT     | cfu/g |   |
| Yeast            | NT | NT     | cfu/g |   |
| Mold             | NT | NT     | cfu/g |   |
| Aerobic Bacteria | NT | NT     | cfu/g |   |
| Enterobacteria   | NT | NT     | cfu/g |   |

Terpenes (GCMS-MS) Analyzed: By:

|                             | mg/g | %  | Q |
|-----------------------------|------|----|---|
| <b>Compound</b>             |      |    |   |
| alpha-Bisabolol             | NT   | NT |   |
| (-)-Borneol and (+)-Borneol | NT   | NT |   |
| Camphene                    | NT   | NT |   |
| Camphor                     | NT   | NT |   |
| beta-Caryophyllene          | NT   | NT |   |
| trans-Caryophyllene         | NT   | NT |   |
| Caryophyllene Oxide         | NT   | NT |   |
| alpha-Cedrene               | NT   | NT |   |
| Cedrol                      | NT   | NT |   |
| Endo-fenchyl Alcohol        | NT   | NT |   |
| Eucalyptol                  | NT   | NT |   |
| Fenchone                    | NT   | NT |   |
| Geraniol                    | NT   | NT |   |
| Geranyl acetate             | NT   | NT |   |
| Guaiol                      | NT   | NT |   |
| Hexahydrothymol             | NT   | NT |   |
| alpha-Humulene              | NT   | NT |   |
| Isoborneol                  | NT   | NT |   |
| Isopulegol                  | NT   | NT |   |
| Limonene                    | NT   | NT |   |
| Linalool                    | NT   | NT |   |
| p-Mentha-1,5-diene          | NT   | NT |   |
| beta-Myrcene                | NT   | NT |   |
| trans-Nerolidol             | NT   | NT |   |
| Ocimene                     | NT   | NT |   |
| alpha-Pinene                | NT   | NT |   |
| beta-Pinene                 | NT   | NT |   |
| Pulegone                    | NT   | NT |   |
| Sabinene                    | NT   | NT |   |
| Sabinene Hydrate            | NT   | NT |   |
| gamma-Terpinene             | NT   | NT |   |
| alpha-Terpinene             | NT   | NT |   |
| 3-Carene                    | NT   | NT |   |
| Terpineol                   | NT   | NT |   |
| Terpinolene                 | NT   | NT |   |
| Valencene                   | NT   | NT |   |
| Nerol                       | NT   | NT |   |
| cis-Nerolidol               | NT   | NT |   |
| <b>Total Terpenes</b>       | NT   | NT |   |

Water Activity (Moisture Reactor) Analyzed: By:

|                 | AW | Q |
|-----------------|----|---|
| <b>Compound</b> |    |   |
| Water Activity  | NT |   |

Moisture (Drying Oven) Analyzed: By:

|                  | %  | Q |
|------------------|----|---|
| <b>Compound</b>  |    |   |
| Percent Moisture | NT |   |

pH Test (HannHI11310) Analyzed: By:

|                 | NA | Q |
|-----------------|----|---|
| <b>Compound</b> |    |   |
| pH              | NT |   |

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### QUALIFIER DEFINITIONS AND CASE NARRATIVE

- Q3 Testing results is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R 9-17-317.01(A) or labeling requirements in R9-17-317.
- N1 Terpenes not regulated as per ADHS.
- D1 The limit of quantitation and the sample results were adjusted to reflect sample dilution.
- L1 The percent recovery of a laboratory control sample is greater than the acceptance limits, but the sample's target analytes are not detected above the maximum allowable concentrations for the analytes in the sample.
- M1 Matrix spike recovery is high, but the recovery from the laboratory control sample and duplicate are within acceptance criteria.
- M2 Matrix spike recovery is low, but the recovery from the laboratory control sample and duplicate are within acceptance criteria.
- R1 The relative percent difference (RPD) for the laboratory control sample and duplicate is more than 20%, but the percent recovery for the laboratory control sample and duplicate is within acceptance criteria.
- V1 Continuing Calibration Verification (CCV) or Quality Control Sample (QCS) recovery exceeds acceptable limits; but the sample's target analytes are not detected above the maximum allowable concentrations for the analytes in the sample.

Testing results were obtained according to requirements in the quality assurance plan in R 9-17-404.05, in the applicable standard operating procedure, and in R9-17- 404.03 or R9-17-404.04; A description of any variances from the requirements, and the reason for the variance will be described in the Work Order memo.

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