

High Grade Confidential

License#: 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: 9/1/2021

Dr. Who Crumble

Laboratory Number: 2108148-05
Concentrates

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

Sample Image



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

| Analyte | RL | ppm | Q |
|-------------------|--------|-----|--------|
| Propane | 625.00 | ND | L1, N1 |
| 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, N1 |
| 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 | 0.100 | ND | M1 |
| Cadmium | 0.100 | ND | |
| Lead | 0.100 | ND | |
| Mercury | 0.010 | 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 % 771.20 mg/g Total THC | 0.18 % 1.76 mg/g Total CBD | 89.70 % 897.00 mg/g Total Cannabinoids |
|--|---|---|

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 | N1, R1 |

RL = Reporting Limit
NA = Not Applicable
NT = Not Tested
ND = Non Detected
LOQ = Limit of Quantification



Erin Polly
Technical Laboratory Director

This product has been tested by Desert Valley Testing using valid testing methodologies. Values reported only relate to the product tested. Desert Valley Testing makes no claims to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Desert Valley Testing.

High Grade Confidential

License#: 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: 9/1/2021

Dr. Who Crumble

Laboratory Number: 2108148-05
Concentrates

| 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 | |

RL = Reporting Limit
NA = Not Applicable
NT = Not Tested
ND = Non Detected
LOQ = Limit of Quantification



Erin Polly
Technical Laboratory Director

This product has been tested by Desert Valley Testing using valid testing methodologies. Values reported only relate to the product tested.
Desert Valley Testing makes no claims to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Desert Valley Testing.

High Grade Confidential

License#: 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: 9/1/2021

Dr. Who Crumble

Laboratory Number: 2108148-05
Concentrates

Non-Regulated Microbials (PetriFilms) Analyzed: By:

| | RL | Result | Units | Q |
|------------------|----|--------|-------|---|
| Pathogens | | | | |
| 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 | |

Water Activity (Moisture Reacter) Analyzed: By:

| | AW | Q |
|-----------------|----|---|
| Compound | | |
| Water Activity | NT | |

Moisture (Drying Oven) Analyzed: By:

| | % | Q |
|------------------|----|---|
| Compound | | |
| Percent Moisture | NT | |

pH Test (HannHI11310) Analyzed: By:

| | NA | Q |
|-----------------|----|---|
| Compound | | |
| pH | NT | |

Terpenes (GCMS-MS) Analyzed: By:

| | mg/g | % | Q |
|-----------------------------|------|----|---|
| Compound | | | |
| 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 | |
| Total Terpenes | NT | NT | |

RL = Reporting Limit
NA = Not Applicable
NT = Not Tested
ND = Non Detected
LOQ = Limit of Quantification



Erin Polly
Technical Laboratory Director

This product has been tested by Desert Valley Testing using valid testing methodologies. Values reported only relate to the product tested.
Desert Valley Testing makes no claims to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Desert Valley Testing.



Certificate of Analysis

00000003LCIN00627986

51 W. Weldon Ave

Phoenix, AZ

(480) 788-6644

www.desertvalleytesting.com

High Grade Confidential

License#: 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: 9/1/2021

Dr. Who Crumble

Laboratory Number: 2108148-05
Concentrates

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.
- 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.
- N1 A description of any variances from the requirements in the QAP, the applicable SOPs, or that Administration made to ensure scientifically valid and defensible testing results, and the reason for the variance; see case narrative.
- 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.

N1: MS does not meet acceptance criteria (ochratoxins)
N1 - Propane and Isopropanol matrix spike recovery outside acceptance criteria.

RL = Reporting Limit
NA = Not Applicable
NT = Not Tested
ND = Non Detected
LOQ = Limit of Quantification

Erin Polly
Technical Laboratory Director

This product has been tested by Desert Valley Testing using valid testing methodologies. Values reported only relate to the product tested.
Desert Valley Testing makes no claims to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Desert Valley Testing.