

## Curaleaf / Cura AZ

License#: 3333 S Central Ave  
Phoenix, AZ 85040  
(435) 760-8520

Additional Licenses:  
Batch #: CAZ2106E-SD

Sample Batch Collection: 05/06/21 14:50; Sample Batch Collected By: Curaleaf / Cura AZ  
Sample Received: 5/6/2021; Report Created: 6/2/2021

Sour Diesel Select Elite Cartridge

Laboratory Number: 2105042-21  
Concentrates

|                           |                           |                                  |                       |                           |                            |                                    |
|---------------------------|---------------------------|----------------------------------|-----------------------|---------------------------|----------------------------|------------------------------------|
| <b>Herbicides</b><br>PASS | <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: 05/19/21 By: CBH

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

Cannabinoid (HPLC) Analyzed: 05/10/21 By: LEH

| Analyte     | LOQ % | %     | mg/g  | Q  |
|-------------|-------|-------|-------|----|
| THC-A       | 0.10  | 1.84  | 18.4  |    |
| delta 9-THC | 1.90  | 72.90 | 729   | D1 |
| delta 8-THC | 0.10  | ND    | ND    |    |
| THC-V       | 0.10  | 0.51  | 5.06  |    |
| CBG-A       | 0.10  | 0.22  | 2.18  |    |
| CBD-A       | 0.10  | 0.10  | 0.981 |    |
| CBD         | 0.10  | 0.29  | 2.94  |    |
| CBD-V       | 0.10  | ND    | ND    |    |
| CBN         | 0.10  | 0.38  | 3.84  |    |
| CBG         | 0.10  | 2.74  | 27.4  |    |
| CBC         | 0.10  | 0.61  | 6.10  |    |

Metals (ICP-MS) Analyzed: 05/11/21 By: JVR

| Element | RL    | ppm | Q |
|---------|-------|-----|---|
| Arsenic | 0.100 | ND  |   |
| Cadmium | 0.100 | ND  |   |
| Lead    | 0.100 | ND  |   |
| Mercury | 0.010 | ND  |   |

Regulated Microbials (Petrifilm) Analyzed: 5/11/2021 By: LEF

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

Regulated Microbials (PCR) Analyzed: 5/13/2021 By: MEF

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

|  |   |   |
|--|---|---|
| 74.51 %<br>745.10 mg/g<br><b>Total THC</b> | 0.38 %<br>3.80 mg/g<br><b>Total CBD</b> | 79.60 %<br>796.00 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: 05/14/21 By: MLC

| Pathogens   | RL   | ppb | Q  |
|-------------|------|-----|----|
| Aflatoxins  | 1.01 | ND  | M2 |
| Ochratoxins | 2.02 | ND  |    |

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.

## Curaleaf / Cura AZ

License#: 3333 S Central Ave  
Phoenix, AZ 85040  
(435) 760-8520

Additional Licenses:

Batch #: CAZ2106E-SD

Sample Batch Collection: 05/06/21 14:50; Sample Batch Collected By: Curaleaf / Cura AZ  
Sample Received: 5/6/2021; Report Created: 6/2/2021

Sour Diesel Select Elite Cartridge

Laboratory Number: 2105042-21  
Concentrates

| Pesticides (LC-MS TQ) Analyzed: 05/14/21 By: KSG |       |     |           |                   |       |     |           |
|--|-------|-----|-----------|-------------------|-------|-----|-----------|
| Analyte  | RL    | ppm | Q         | Analyte           | RL    | ppm | Q         |
| Acephate   | 0.101 | ND  |           | Acequinocyl       | 0.504 | ND  | M1, V1    |
| Acetamiprid                                      | 0.050 | ND  |           | Aldicarb          | 0.101 | ND  | V1        |
| Azoxystrobin                                     | 0.050 | ND  |           | Bifenthrin        | 0.050 | ND  |           |
| Boscalid   | 0.101 | ND  |           | Carbaryl          | 0.050 | ND  |           |
| Carbofuran                                       | 0.050 | ND  |           | Chlorpyrifos      | 0.050 | ND  |           |
| Diazinon   | 0.050 | ND  |           | Dimethoate        | 0.050 | ND  |           |
| Ethoprophos                                      | 0.050 | ND  |           | Etofenprox        | 0.101 | ND  |           |
| Etoxazole  | 0.050 | ND  |           | Fenoxycarb        | 0.050 | ND  |           |
| Fenpyroximate E                                  | 0.101 | ND  |           | Fonicamid         | 0.252 | ND  |           |
| Fludioxonil                                      | 0.101 | ND  |           | Hexythiazox       | 0.252 | ND  |           |
| Imazalil   | 0.050 | ND  |           | Imidacloprid      | 0.101 | ND  |           |
| Kresoxim-methyl                                  | 0.101 | ND  |           | Malathion         | 0.050 | ND  |           |
| Metalaxyl  | 0.050 | ND  |           | Methiocarb        | 0.050 | ND  |           |
| Methomyl   | 0.101 | ND  |           | Myclobutanil      | 0.050 | ND  |           |
| Naled  | 0.126 | ND  |           | Oxamyl            | 0.252 | ND  |           |
| Piperonyl butoxide                               | 0.504 | ND  |           | Propiconazole     | 0.101 | ND  | R1        |
| Propoxure  | 0.050 | ND  |           | Spiromesifen      | 0.050 | ND  |           |
| Spirotetramat                                    | 0.050 | ND  |           | Spiroxamine       | 0.101 | ND  |           |
| Tebuconazole                                     | 0.101 | ND  |           | Thiacloprid       | 0.050 | ND  |           |
| Thiamethoxam                                     | 0.050 | ND  |           | Trifloxystrobin   | 0.050 | ND  |           |
| Abamectin  | 0.126 | ND  | Q3        | Bifenazate        | 0.050 | ND  | Q3        |
| Chlorantraniliprole                              | 0.050 | ND  | Q3 R1     | Clofentezine      | 0.050 | ND  | Q3 M2     |
| Cyfluthrin                                       | 0.252 | ND  | Q3 M2     | Cypermethrin      | 0.252 | ND  | Q3 M2     |
| Daminozide                                       | 0.252 | ND  | Q3        | DDVP (Dichlorvos) | 0.005 | ND  | Q3 M2     |
| Fipronil   | 0.101 | ND  | Q3        | Paclobutrazol     | 0.101 | ND  | Q3        |
| Permethrins                                      | 0.050 | ND  | Q3 M2, V1 | Phosmet           | 0.050 | ND  | Q3        |
| Prallethrin                                      | 0.050 | ND  | Q3 M2, V1 | Pyrethrins        | 0.252 | ND  | Q3 M2, V1 |
| Pyridaben  | 0.050 | ND  | Q3        | Spinosad          | 0.050 | ND  | Q3        |
| Chlorfenapyr                                     | 0.101 | ND  | Q3 V1     |                   |       |     |           |

| Herbicides (LC-MS TQ) Analyzed: 05/16/21 By: KSG |       |     |    |
|--|-------|-----|----|
| Analyte  | RL    | ppm | Q  |
| Pendimethalin                                    | 0.020 | ND  | M2 |

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.

## Curaleaf / Cura AZ

License#: 3333 S Central Ave  
Phoenix, AZ 85040  
(435) 760-8520

Additional Licenses:  
Batch #: CAZ2106E-SD

Sample Batch Collection: 05/06/21 14:50; Sample Batch Collected By: Curaleaf / Cura AZ  
Sample Received: 5/6/2021; Report Created: 6/2/2021

Sour Diesel Select Elite Cartridge

Laboratory Number: 2105042-21  
Concentrates

Non-Regulated Microbials (PetriFilms) Analyzed: By:

| RL               | Result | Units | Q  |
|------------------|--------|-------|----|
| <b>Pathogens</b> |        |       |    |
| Total Coliform   | NT     | cfu/g | Q3 |
| Yeast            | NT     | cfu/g | Q3 |
| Mold             | NT     | cfu/g | Q3 |
| Aerobic Bacteria | NT     | cfu/g | Q3 |
| Enterobacteria   | NT     | cfu/g | Q3 |

Terpenes (GCMS-MS) Analyzed: By:

| Compound                    | mg/g | %  | Q  |
|-----------------------------|------|----|----|
| alpha-Bisabolol             | NT   | NT | Q3 |
| (-)-Borneol and (+)-Borneol | NT   | NT | Q3 |
| Camphene                    | NT   | NT | Q3 |
| Camphor                     | NT   | NT | Q3 |
| beta-Caryophyllene          | NT   | NT | Q3 |
| trans-Caryophyllene         | NT   | NT | Q3 |
| Caryophyllene Oxide         | NT   | NT | Q3 |
| alpha-Cedrene               | NT   | NT | Q3 |
| Cedrol                      | NT   | NT | Q3 |
| Endo-fenchyl Alcohol        | NT   | NT | Q3 |
| Eucalyptol                  | NT   | NT | Q3 |
| Fenchone                    | NT   | NT | Q3 |
| Geraniol                    | NT   | NT | Q3 |
| Geranyl acetate             | NT   | NT | Q3 |
| Guaiol                      | NT   | NT | Q3 |
| Hexahydrothymol             | NT   | NT | Q3 |
| alpha-Humulene              | NT   | NT | Q3 |
| Isoborneol                  | NT   | NT | Q3 |
| Isopulegol                  | NT   | NT | Q3 |
| Limonene                    | NT   | NT | Q3 |
| Linalool                    | NT   | NT | Q3 |
| p-Mentha-1,5-diene          | NT   | NT | Q3 |
| beta-Myrcene                | NT   | NT | Q3 |
| trans-Nerolidol             | NT   | NT | Q3 |
| Ocimene                     | NT   | NT | Q3 |
| alpha-Pinene                | NT   | NT | Q3 |
| beta-Pinene                 | NT   | NT | Q3 |
| Pulegone                    | NT   | NT | Q3 |
| Sabinene                    | NT   | NT | Q3 |
| Sabinene Hydrate            | NT   | NT | Q3 |
| gamma-Terpinene             | NT   | NT | Q3 |
| alpha-Terpinene             | NT   | NT | Q3 |
| 3-Carene                    | NT   | NT | Q3 |
| Terpineol                   | NT   | NT | Q3 |
| Terpinolene                 | NT   | NT | Q3 |
| Valencene                   | NT   | NT | Q3 |
| Nerol                       | NT   | NT | Q3 |
| cis-Nerolidol               | NT   | NT | Q3 |
| <b>Total Terpenes</b>       | NT   | NT | Q3 |

Water Activity (Moisture Reactor) Analyzed: By:

| Compound       | AW | Q  |
|----------------|----|----|
| Water Activity | NT | Q3 |

Moisture (Drying Oven) Analyzed: By:

| Compound         | %  | Q  |
|------------------|----|----|
| Percent Moisture | NT | Q3 |

pH Test (HannHI11310) Analyzed: By:

| Compound | NA | Q  |
|----------|----|----|
| pH       | NT | Q3 |

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

## Curaleaf / Cura AZ

License#: 3333 S Central Ave  
Phoenix, AZ 85040  
(435) 760-8520

Additional Licenses:  
Batch #: CAZ2106E-SD

Sample Batch Collection:05/06/21 14:50; Sample Batch Collected By:Curaleaf / Cura AZ  
Sample Received:5/6/2021; Report Created: 6/2/2021

Sour Diesel Select Elite Cartridge

Laboratory Number: 2105042-21  
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.
- 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.

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.