#### Plain HHC

Sample ID: SA-230330-19559 Batch: 230214 03272 Type: In-Process Material Matrix: Concentrate - Distillate

Unit Mass (g):

Collected: 03/31/2023 Received: 04/20/2023 Completed: 05/02/2023 Client Dolor Subsidio 682 W Bagley Rd

Berea, OH 44017

USA



Summary

Test Cannabinoids Catalyst Metals Foreign Matter Heavy Metals Microbials Mycotoxins Pesticides **Residual Solvents** 

**Date Tested** 04/28/2023 04/26/2023 04/21/2023 04/24/2023 04/27/2023 05/02/2023 05/02/2023 04/27/2023

ND

Total Δ9-THC

68.8 % (6aR,9R,10aR)-HHC 95.7 %

Total Cannabinoids

**Not Tested Not Detected** 

Moisture Content Foreign Matter Yes

Internal Standard Normalization

Status

Tested

Tested

Tested

Tested

Tested

Tested

Tested

Tested

# Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

| Analyte           | LOD<br>(%) | LOQ<br>(%) | Result<br>(%) | Result<br>(mg/g) |
|-------------------|------------|------------|---------------|------------------|
| CBC               | 0.0095     | 0.0284     | ND            | ND               |
| CBCV              | 0.006      | 0.018      | ND            | ND               |
| CBD               | 0.0081     | 0.0242     | ND            | ND               |
| CBDV              | 0.0061     | 0.0182     | ND            | ND               |
| CBG               | 0.0057     | 0.0172     | ND            | ND               |
| CBL               | 0.0112     | 0.0335     | ND            | ND               |
| CBN               | 0.0056     | 0.0169     | ND            | ND               |
| CBT               | 0.018      | 0.054      | ND            | ND               |
| Δ8-ΤΗС            | 0.0104     | 0.0312     | 0.147         | 1.47             |
| Δ9-ΤΗС            | 0.0076     | 0.0227     | ND            | ND               |
| Δ9-ΤΗCV           | 0.0069     | 0.0206     | ND            | ND               |
| (6aR,9R,10aR)-HHC | 0.0067     | 0.02       | 68.8          | 688              |
| (6aR,9S,10aR)-HHC | 0.0067     | 0.02       | 26.8          | 268              |
| Total Δ9-THC      |            |            | ND            | ND               |
| Total             |            |            | 95.7          | 957              |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA \* 0.877 + Δ9-THC; Total CBD = CBDA \* 0.877 + CBD;

Generated By: Ryan Bellone

CCO

Senior Scientist Date: 04/28/2023

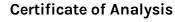


Accreditation #108651





Tested By: Scott Caudill





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#### Plain HHC

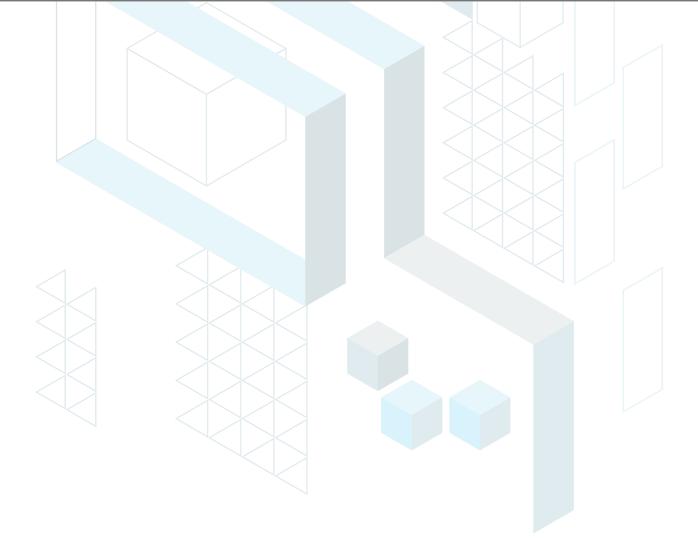
Sample ID: SA-230330-19559 Batch: 230214 03272 Type: In-Process Material Matrix: Concentrate - Distillate Unit Mass (g):

Collected: 03/31/2023 Received: 04/20/2023 Completed: 05/02/2023 Client
Dolor Subsidio
682 W Bagley Rd
Berea, OH 44017
USA

### **Heavy Metals by ICP-MS**

| Analyte | LOD (ppb) | LOQ (ppb) | Result (ppb) |
|---------|-----------|-----------|--------------|
| Arsenic | 2         | 20        | ND           |
| Cadmium | 1         | 20        | ND           |
| Lead    | 2         | 20        | ND           |
| Mercury | 12        | 50        | ND           |
|         |           |           |              |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Ryan Bellone CCO

Date: 05/02/2023

Tested By: Kelsey Rogers Scientist Date: 04/24/2023



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#### Plain HHC

Unit Mass (g):

Sample ID: SA-230330-19559 Batch: 230214 03272 Type: In-Process Material Matrix: Concentrate - Distillate

Collected: 03/31/2023 Received: 04/20/2023 Completed: 05/02/2023 **Client**Dolor Subsidio
682 W Bagley Rd
Berea, OH 44017

USA

## Pesticides by LC-MS/MS

| Analyte              | LOD<br>(ppb) | LOQ<br>(ppb) | Result<br>(ppb) | Analyte            | LOD<br>(ppb) | LOQ<br>(ppb) | Result<br>(ppb) |
|----------------------|--------------|--------------|-----------------|--------------------|--------------|--------------|-----------------|
| Acephate             | 30           | 100          | ND              | Hexythiazox        | 30           | 100          | ND              |
| Acetamiprid          | 30           | 100          | ND              | lmazalil           | 30           | 100          | ND              |
| Aldicarb             | 30           | 100          | ND              | Imidacloprid       | 30           | 100          | ND              |
| Azoxystrobin         | 30           | 100          | ND              | Kresoxim methyl    | 30           | 100          | ND              |
| Bifenazate           | 30           | 100          | ND              | Malathion          | 30           | 100          | ND              |
| Bifenthrin           | 30           | 100          | ND              | Metalaxyl          | 30           | 100          | ND              |
| Boscalid             | 30           | 100          | ND              | Methiocarb         | 30           | 100          | ND              |
| Carbaryl             | 30           | 100          | ND              | Methomyl           | 30           | 100          | ND              |
| Carbofuran           | 30           | 100          | ND              | Mevinphos          | 30           | 100          | ND              |
| Chloranthraniliprole | 30           | 100          | ND              | Myclobutanil       | 30           | 100          | ND              |
| Chlorfenapyr         | 30           | 100          | ND              | Naled              | 30           | 100          | ND              |
| Chlorpyrifos         | 30           | 100          | ND              | Oxamyl             | 30           | 100          | ND              |
| Clofentezine         | 30           | 100          | ND              | Paclobutrazol      | 30           | 100          | ND              |
| Coumaphos            | 30           | 100          | ND              | Permethrin         | 30           | 100          | ND              |
| Daminozide           | 30           | 100          | ND              | Phosmet            | 30           | 100          | ND              |
| Diazinon             | 30           | 100          | ND              | Piperonyl Butoxide | 30           | 100          | ND              |
| Dichlorvos           | 30           | 100          | ND              | Prallethrin        | 30           | 100          | ND              |
| Dimethoate           | 30           | 100          | ND              | Propiconazole      | 30           | 100          | ND              |
| Dimethomorph         | 30           | 100          | ND              | Propoxur           | 30           | 100          | ND              |
| Ethoprophos          | 30           | 100          | ND              | Pyrethrins         | 30           | 100          | ND              |
| Etofenprox           | 30           | 100          | ND              | Pyridaben          | 30           | 100          | ND              |
| Etoxazole            | 30           | 100          | ND              | Spinetoram         | 30           | 100          | ND              |
| Fenhexamid           | 30           | 100          | ND              | Spinosad           | 30           | 100          | ND              |
| Fenoxycarb           | 30           | 100          | ND              | Spiromesifen       | 30           | 100          | ND              |
| Fenpyroximate        | 30           | 100          | ND              | Spirotetramat      | 30           | 100          | ND              |
| Fipronil             | 30           | 100          | ND              | Spiroxamine        | 30           | 100          | ND              |
| Flonicamid           | 30           | 100          | ND              | Tebuconazole       | 30           | 100          | ND              |
| Fludioxonil          | 30           | 100          | ND              | Thiacloprid        | 30           | 100          | ND              |
|                      |              |              |                 | Thiamethoxam       | 30           | 100          | ND              |
|                      |              |              |                 | Trifloxystrobin    | 30           | 100          | ND              |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit

Generated By: Ryan Bellone CCO

Date: 05/02/2023

Tested By: Jasper van Heemst Principal Scientist Date: 05/02/2023





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#### Plain HHC

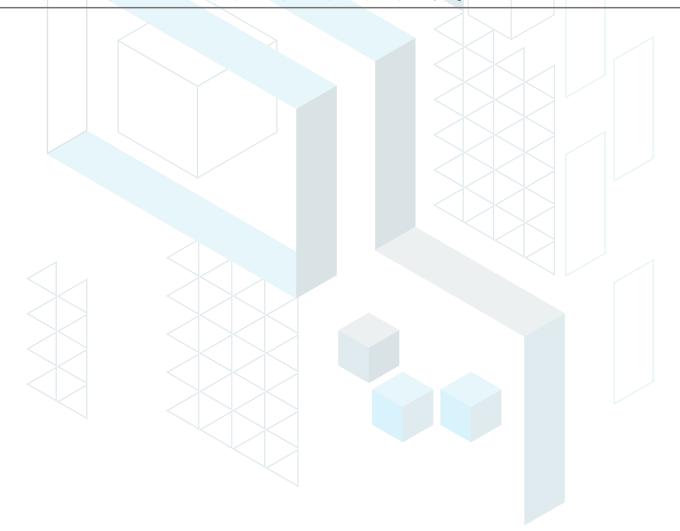
Sample ID: SA-230330-19559 Batch: 230214 03272 Type: In-Process Material Matrix: Concentrate - Distillate Unit Mass (g):

Collected: 03/31/2023 Received: 04/20/2023 Completed: 05/02/2023 Client
Dolor Subsidio
682 W Bagley Rd
Berea, OH 44017
USA

## Mycotoxins by LC-MS/MS

| Analyte                   | LOD (ppb)                  | LOQ (ppb)                                     | Result (ppb)               |
|---------------------------|----------------------------|---|----------------------------|
| B1                        | 1                          | 5   | ND                         |
| B2                        | 1                          | 5   | ND                         |
| G1                        | 1                          | 5   | ND                         |
| G2                        | 1                          | 5   | ND                         |
| Ochratoxin A              | 1                          | 5   | ND                         |
| ND Not Botton de NE Not E | and the Control of Control | and I OO = Limit of Overstitations B = Base F | Felli Di Descrito di India |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Ryan Bellone CCO Tested By: Jasper van Heemst Principal Scientist Date: 05/02/2023





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#### Plain HHC

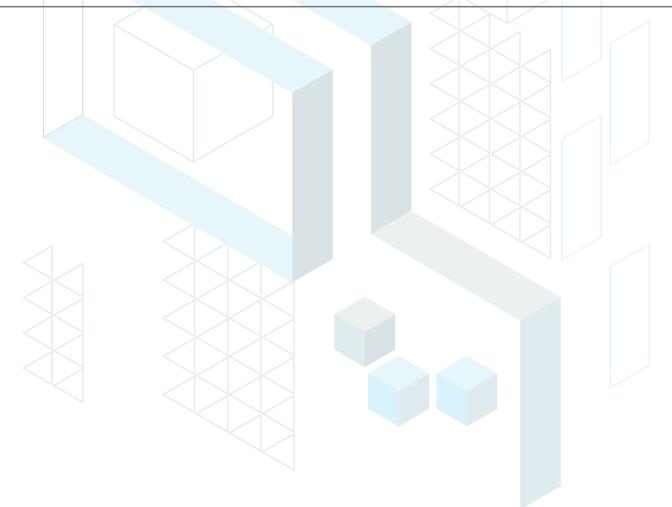
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682 W Bagley Rd
Berea, OH 44017
USA

## Microbials by PCR and Plating

| Analyte                              | LOD (CFU/g) | Result (CFU/g) |
|--------------------------------------|-------------|----------------|
| Total aerobic count                  |             | ND             |
| Total coliforms                      | 1           | ND             |
| Generic E. coli                      | 1           | ND             |
| Listeria spp.                        | 1           | ND             |
| Salmonella spp.                      | 1           | ND             |
| Shiga-toxin producing E. coli (STEC) | 1           | ND             |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit



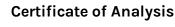
Generated By: Ryan Bellone CCO

Date: 05/02/2023

Tested By: Lucy Jones Scientist Date: 04/27/2023



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#### Plain HHC

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Collected: 03/31/2023 Received: 04/20/2023 Completed: 05/02/2023 Client
Dolor Subsidio
682 W Bagley Rd
Berea, OH 44017
USA

Residual Solvents by HS-GC-MS

| Analyte             | LOD<br>(ppm) | LOQ<br>(ppm) | Result<br>(ppm) | Analyte                  | LOD<br>(ppm) | LOQ<br>(ppm) | Result<br>(ppm) |
|---------------------|--------------|--------------|-----------------|--------------------------|--------------|--------------|-----------------|
| Acetone             | 167          | 500          | ND              | Ethylene Oxide           | 0.5          | 1            | ND              |
| Acetonitrile        | 14           | 41           | ND              | Heptane                  | 167          | 500          | ND              |
| Benzene             | 0.5          | 1            | ND              | n-Hexane                 | 10           | 29           | ND              |
| Butane              | 167          | 500          | ND              | Isopropyl Alcohol        | 167          | 500          | ND              |
| 1-Butanol           | 167          | 500          | ND              | Methanol                 | 100          | 300          | ND              |
| Chloroform          | 2            | 6            | ND              | Methylene Chloride       | 20           | 60           | ND              |
| 1,2-Dichloroethane  | 0.5          | 1            | ND              | n-Pentane                | 167          | 500          | ND              |
| 1,2-Dimethoxyethane | 4            | 10           | ND              | n-Propane                | 167          | 500          | ND              |
| 1,4-Dioxane         | 13           | 38           | ND              | 1-Propanol               | 167          | 500          | ND              |
| Ethanol             | 167          | 500          | ND              | Tetrahydrofuran          | 24           | 72           | ND              |
| Ethyl Acetate       | 167          | 500          | ND              | Toluene                  | 30           | 89           | ND              |
| Ethyl Ether         | 167          | 500          | ND              | Trichloroethylene        | 3            | 8            | ND              |
| Ethylbenzene        | 3            | 7            | ND              | Xylenes (o-, m-, and p-) | 73           | 217          | ND              |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit

Red

Generated By: Ryan Bellone CCO Tested By: Scott Caudill Senior Scientist Date: 04/27/2023



Date: 04/27/2023

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#### Plain HHC

Sample ID: SA-230330-19559 Batch: 230214 03272 Type: In-Process Material Matrix: Concentrate - Distillate Unit Mass (g):

Collected: 03/31/2023 Received: 04/20/2023 Completed: 05/02/2023 **Client**Dolor Subsidio
682 W Bagley Rd
Berea, OH 44017
USA

**Catalyst Metals** 

| Analyte        | Result | Unit | LOD | LOQ |
|----------------|--------|------|-----|-----|
| Nickel (Ni)    | ND     | ppb  | 3   | 10  |
| Palladium (Pd) | ND     | ppb  | 3   | 10  |
| Platinum (Pt)  | ND     | ppb  | 3   | 10  |
| Rhodium (Rh)   | ND     | ppb  | 3   | 10  |
| Ruthenium (Ru) | ND     | ppb  | 3   | 10  |
|                |        |      |     |     |

RAL.

Generated By: Ryan Bellone CCO Tested By: Kelsey Rogers Scientist Date: 04/26/2023



Date: 04/26/2023

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