1 of 5

### HHCD.103023.1

Sample ID: SA-240104-32576

Batch:

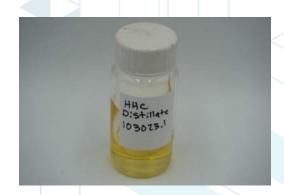
Type: In-Process Material Matrix: Concentrate - Distillate

Unit Mass (g):

Received: 11/13/2023 Completed: 12/19/2023 Client

CannaClear LLC 67 Miracle Ln London, KY 40741

USA



**KCA Laboratories** 

232 North Plaza Drive

Nicholasville, KY 40356

Summary

Test Cannabinoids Catalyst Metals Heavy Metals Pesticides Residual Solvents

**Date Tested** 11/22/2023 12/19/2023 12/05/2023 12/04/2023 12/06/2023

Status Tested Tested Tested Tested Tested

ND Total ∆9-THC

**57.4** % (6aR,9R,10aR)-HHC

92.3 % Total Cannabinoids

**Moisture Content** 

**Not Tested** 

**Not Tested** 

Foreign Matter

Yes

Internal Standard Normalization

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

|                   | J J    |        |   |                     |
|-------------------|--------|--------|---|---------------------|
| Analyte           | LOD    | LOQ    | Result  | Result              |
|                   | (%)    | (%)    | (%)   | (mg/g)              |
| CBC               | 0.0095 | 0.0284 | ND  | ND                  |
| CBCA              | 0.0181 | 0.0543 | ND  | ND                  |
| CBCV              | 0.006  | 0.018  | ND  | ND                  |
| CBD               | 0.0081 | 0.0242 | ND  | ND                  |
| CBDA              | 0.0043 | 0.013  | ND  | ND                  |
| CBDV              | 0.0061 | 0.0182 | ND  | ND                  |
| CBDVA             | 0.0021 | 0.0063 | ND  | ND                  |
| CBG               | 0.0057 | 0.0172 | ND  | ND                  |
| CBGA              | 0.0049 | 0.0147 | ND  | ND                  |
| CBL               | 0.0112 | 0.0335 | ND  | ND                  |
| CBLA              | 0.0124 | 0.0371 | ND  | ND                  |
| CBN               | 0.0056 | 0.0169 | ND  | ND                  |
| CBNA              | 0.006  | 0.0181 | ND  | ND                  |
| CBT               | 0.018  | 0.054  | ND  | ND                  |
| Δ8-THC            | 0.0104 | 0.0312 | <loq< td=""><td><loq< td=""></loq<></td></loq<> | <loq< td=""></loq<> |
| Δ9-ΤΗС            | 0.0076 | 0.0227 | ND  | ND                  |
| Δ9-ΤΗСΑ           | 0.0084 | 0.0251 | ND  | ND                  |
| Δ9-ΤΗCV           | 0.0069 | 0.0206 | ND  | ND                  |
| Δ9-ΤΗCVA          | 0.0062 | 0.0186 | ND  | ND                  |
| (6aR,9R,10aR)-HHC | 0.0067 | 0.02   | 57.4  | 574                 |
| (6aR,9S,10aR)-HHC | 0.0067 | 0.02   | 34.9  | 349                 |
| Total Δ9-THC      |        |        | ND  | ND                  |
| Total             |        |        | 92.3  | 923                 |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit;  $\Delta$  = Delta; Total  $\Delta$ 9-THC =  $\Delta$ 9-THC +  $\Delta$ 9-THC; Total CBD = CBDA \* 0.877 +  $\Delta$ 9-THC; Total CBD = CBDA \* 0.877 +  $\Delta$ 9-THC =  $\Delta$ 

Generated By: Ryan Bellone CCO

Date: 01/04/2024

Tested By: Scott Caudill Laboratory Manager Date: 11/22/2023







ISO/IEC 17025:2017 Accredited





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2 of 5

#### HHCD.103023.1

Sample ID: SA-240104-32576 Batch: Type: In-Process Material Matrix: Concentrate - Distillate Unit Mass (g):

Received: 11/13/2023 Completed: 12/19/2023 Client CannaClear LLC 67 Miracle Ln London, KY 40741 USA

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

| Analyte | LOD (ppm) | LOQ (ppm) | Result (ppm) |  |  |
|---------|-----------|-----------|--------------|--|--|
| 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

Tested By: Kelsey Rogers Scientist Date: 12/05/2023







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3 of 5

#### HHCD.103023.1

Sample ID: SA-240104-32576

Batch:

Type: In-Process Material Matrix: Concentrate - Distillate

Unit Mass (g):

Received: 11/13/2023 Completed: 12/19/2023 Client

CannaClear LLC 67 Miracle Ln London, KY 40741

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) |
|----------------------|--------------|--------------|-----------------|--------------------|--------------|--------------|-----------------|
| Abamectin            | 30           | 100          | ND              | Hexythiazox        | 30           | 100          | ND              |
| Acephate             | 30           | 100          | ND              | lmazalil           | 30           | 100          | ND              |
| Acequinocyl          | 30           | 100          | ND              | Imidacloprid       | 30           | 100          | ND              |
| Acetamiprid          | 30           | 100          | ND              | Kresoxim methyl    | 30           | 100          | ND              |
| Aldicarb             | 30           | 100          | ND              | Malathion          | 30           | 100          | ND              |
| Azoxystrobin         | 30           | 100          | ND              | Metalaxyl          | 30           | 100          | ND              |
| Bifenazate           | 30           | 100          | ND              | Methiocarb         | 30           | 100          | ND              |
| Bifenthrin           | 30           | 100          | ND              | Methomyl           | 30           | 100          | ND              |
| Boscalid             | 30           | 100          | ND              | Mevinphos          | 30           | 100          | ND              |
| Carbaryl             | 30           | 100          | ND              | Myclobutanil       | 30           | 100          | ND              |
| Carbofuran           | 30           | 100          | ND              | Naled              | 30           | 100          | ND              |
| Chloranthraniliprole | 30           | 100          | ND              | Oxamyl             | 30           | 100          | ND              |
| Chlorfenapyr         | 30           | 100          | ND              | Paclobutrazol      | 30           | 100          | ND              |
| Chlorpyrifos         | 30           | 100          | ND              | Permethrin         | 30           | 100          | ND              |
| Clofentezine         | 30           | 100          | ND              | Phosmet            | 30           | 100          | ND              |
| Coumaphos            | 30           | 100          | ND              | Piperonyl Butoxide | 30           | 100          | ND              |
| Cypermethrin         | 30           | 100          | ND              | Prallethrin        | 30           | 100          | ND              |
| Daminozide           | 30           | 100          | ND              | Propiconazole      | 30           | 100          | ND              |
| Diazinon             | 30           | 100          | ND              | Propoxur           | 30           | 100          | ND              |
| Dichlorvos           | 30           | 100          | ND              | Pyrethrins         | 30           | 100          | ND              |
| Dimethoate           | 30           | 100          | ND              | Pyridaben          | 30           | 100          | ND              |
| Dimethomorph         | 30           | 100          | ND              | Spinetoram         | 30           | 100          | ND              |
| Ethoprophos          | 30           | 100          | ND              | Spinosad           | 30           | 100          | ND              |
| Etofenprox           | 30           | 100          | ND              | Spiromesifen       | 30           | 100          | ND              |
| Etoxazole            | 30           | 100          | ND              | Spirotetramat      | 30           | 100          | ND              |
| Fenhexamid           | 30           | 100          | ND              | Spiroxamine        | 30           | 100          | ND              |
| Fenoxycarb           | 30           | 100          | ND              | Tebuconazole       | 30           | 100          | ND              |
| Fenpyroximate        | 30           | 100          | ND              | Thiacloprid        | 30           | 100          | ND              |
| Fipronil             | 30           | 100          | ND              | Thiamethoxam       | 30           | 100          | ND              |
| Flonicamid           | 30           | 100          | ND              | Trifloxystrobin    | 30           | 100          | ND              |
| Fludioxonil          | 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: 01/04/2024

**Principal Scientist** 

Tested By: Jasper van Heemst Date: 12/04/2023







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4 of 5

#### HHCD.103023.1

Sample ID: SA-240104-32576

Batch:

Type: In-Process Material Matrix: Concentrate - Distillate

Unit Mass (g):

Received: 11/13/2023 Completed: 12/19/2023 Client

CannaClear LLC 67 Miracle Ln London, KY 40741

USA

# Residual Solvents by HS-GC-MS

|                       | LOD   | LOQ   | Result |                          | LOD   | LOQ   | Result |
|-----------------------|-------|-------|--------|--------------------------|-------|-------|--------|
| Analyte               | (ppm) | (ppm) | (ppm)  | Analyte                  | (ppm) | (ppm) | (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     | Isobutane                | 167   | 500   | ND     |
| 1-Butanol             | 167   | 500   | ND     | Isopropyl Acetate        | 167   | 500   | ND     |
| 2-Butanol             | 167   | 500   | ND     | Isopropyl Alcohol        | 167   | 500   | ND     |
| 2-Butanone            | 167   | 500   | ND     | Isopropylbenzene         | 167   | 500   | ND     |
| Chloroform            | 2     | 6     | ND     | Methanol                 | 100   | 300   | ND     |
| Cyclohexane           | 129   | 388   | ND     | 2-Methylbutane           | 10    | 29    | ND     |
| 1,2-Dichloroethane    | 0.5   | 1     | ND     | Methylene Chloride       | 20    | 60    | ND     |
| 1,2-Dimethoxyethane   | 4     | 10    | ND     | 2-Methylpentane          | 10    | 29    | ND     |
| Dimethyl Sulfoxide    | 167   | 500   | ND     | 3-Methylpentane          | 10    | 29    | ND     |
| N,N-Dimethylacetamide | 37    | 109   | ND     | n-Pentane                | 167   | 500   | ND     |
| 2,2-Dimethylbutane    | 10    | 29    | ND     | 1-Pentanol               | 167   | 500   | ND     |
| 2,3-Dimethylbutane    | 10    | 29    | ND     | n-Propane                | 167   | 500   | ND     |
| N,N-Dimethylformamide | 30    | 88    | ND     | 1-Propanol               | 167   | 500   | ND     |
| 2,2-Dimethylpropane   | 167   | 500   | ND     | Pyridine                 | 7     | 20    | ND     |
| 1,4-Dioxane           | 13    | 38    | ND     | Tetrahydrofuran          | 24    | 72    | ND     |
| Ethanol               | 167   | 500   | ND     | Toluene                  | 30    | 89    | ND     |
| 2-Ethoxyethanol       | 6     | 16    | ND     | Trichloroethylene        | 3     | 8     | ND     |
| Ethyl Acetate         | 167   | 500   | ND     | Xylenes (o-, m-, and p-) | 73    | 217   | ND     |
| Ethyl Ether           | 167   | 500   | ND     |                          |       |       |        |
| Ethylbenzene          | 3     | 7     | ND     |                          |       |       |        |

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

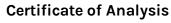


Generated By: Ryan Bellone CCO

Date: 01/04/2024

Tested By: Scott Caudill Laboratory Manager Date: 12/06/2023





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5 of 5

### HHCD.103023.1

Sample ID: SA-240104-32576 Batch: Type: In-Process Material Matrix: Concentrate - Distillate Unit Mass (g):

Received: 11/13/2023 Completed: 12/19/2023 Client CannaClear LLC 67 Miracle Ln London, KY 40741 USA

## **Catalyst Metals**

| Analyte        | Result | Unit | LOD    | LOQ |  |
|----------------|--------|------|--------|-----|--|
| Ruthenium (Ru) | ND     | ppb  | 3      | 10  |  |
| Nickel (Ni)    | ND     | ppb  | 17     | 50  |  |
| Palladium (Pd) | ND     | ppb  | 3      | 10  |  |
| Platinum (Pt)  | ND     | ppb  | 3      | 10  |  |
| Rhodium (Rh)   | ND     | ppb  | 3<br>3 | 10  |  |
|                |        |      |        |     |  |

Generated By: Ryan Bellone CCO

Date: 01/04/2024

Tested By: Chris Farman Scientist Date: 12/19/2023

