

# Certificate of Analysis

## IDENTIFICATION

**Product Name:** King Louis XIII

**Lot Number:** J15KLX14

**Formulation Date:** 08/29/2023

**Best By:** 24 Months from the date of production when stored in original container and sealed.

| TEST               | SPECIFICATION    | RESULTS  |
|--------------------|------------------|----------|
| Appearance (Color) | Clear            | Clear    |
| Appearance (Form)  | Liquid           | Liquid   |
| Odor               | Earthy, Piney    | Conforms |
| Solvents           | Within CA Limits | PASS     |
| Pesticides         | Within CA Limits | PASS     |
| Heavy Metals       | Within CA Limits | NT       |

**Storage Conditions:** Stable when stored in dark and dry room temperature area with tightly sealed original container. Keep away from light and heat.

**Compliance Statement:** This COA contains results from 3<sup>rd</sup> party laboratories licensed in the state of California. The Terpene Store recommends each customer to conduct their own tests to determine the suitability for its application, including compliance with all legal requirements. Each lot may vary slightly.

**Allergen Statement:** Products do not contain any known major food allergens per FALCPA.

**Manufacture Statement:** Products are formulated in an ISO7 cleanroom environment.

This product does not contain THC, CBD, or any other cannabinoids. This product does not contain MCT, PG, PEG, VG, Vitamin E Acetate or Squalene.



### D8C.060923.1

Sample ID: G3F0230-01

Matrix: Hemp Extracts & Concentrates

Test ID: 5025229

Source ID:

Date Sampled: 06/14/23

Date Accepted: 06/14/23

### Results at a Glance

Total THC : <LOQ (0.1577%) %

Total CBD : <LOQ (0.0431%) %

delta 8-THC : 93.66 % PASS

Pesticides : PASS

Residual Solvent Analysis : PASS

Metals : PASS



**D8C.060923.1**

Sample ID: G3F0230-01

Matrix: Hemp Extracts & Concentrates

Test ID: 5025229

Source ID:

Date Sampled: 06/14/23

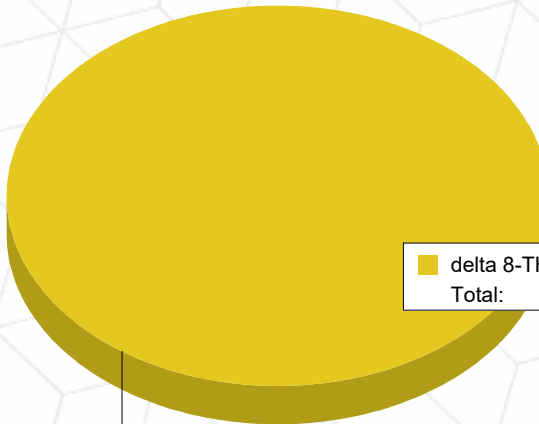
Date Accepted: 06/14/23

### Potency Analysis by HPLC

Date/Time Extracted: 06/15/23 09:54

Analysis Method/SOP: 215

Batch Identification: 2324061

| Cannabinoids              | LOQ (%) | % by Wt. | mg/g  | Cannabinoids Profile                                                                |
|---------------------------|---------|----------|-------|-------------------------------------------------------------------------------------|
| Total THC                 | 0.1577  | < LOQ    | < LOQ |  |
| Total CBD                 | 0.0431  | < LOQ    | < LOQ |                                                                                     |
| THCA                      | 0.0005  | < LOQ    | < LOQ |                                                                                     |
| delta 9-THC               | 0.0005  | < LOQ    | < LOQ |                                                                                     |
| delta 8-THC               | 0.0934  | 93.66    | 936.6 |                                                                                     |
| THCV                      | 0.1052  | < LOQ    | < LOQ |                                                                                     |
| THCVA                     | 0.0392  | < LOQ    | < LOQ |                                                                                     |
| CBD                       | 0.0005  | < LOQ    | < LOQ |                                                                                     |
| CBDA                      | 0.0005  | < LOQ    | < LOQ |                                                                                     |
| CBDV                      | 0.1040  | < LOQ    | < LOQ |                                                                                     |
| CBDVA                     | 0.0341  | < LOQ    | < LOQ |                                                                                     |
| CBN                       | 0.0622  | < LOQ    | < LOQ |                                                                                     |
| CBG                       | 0.0164  | < LOQ    | < LOQ |                                                                                     |
| CBGA                      | 0.0164  | < LOQ    | < LOQ |                                                                                     |
| CBC                       | 0.0186  | < LOQ    | < LOQ |                                                                                     |
| <b>Total Cannabinoids</b> |         | 93.66    | 936.6 |                                                                                     |

Total THC = delta 9-THC + (THCA \* 0.877)

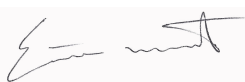
Total CBD = CBD + (CBDA \* 0.877)

Total CBG = CBG + (CBGA \* 0.878)

LOQ=Limit of Quantification, the lowest measurable concentration of an analyte.



**ISO 17025  
ACCREDITED  
LABORATORY**



Eric Wendt  
Chief Science Officer - 6/26/2023

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**D8C.060923.1**

**Sample ID: G3F0230-01**

**Matrix: Hemp Extracts & Concentrates**

**Test ID: 5025229**

**Source ID:**

**Date Sampled: 06/14/23**

**Date Accepted: 06/14/23**

### Pesticide Analysis by LCMSMS and GCMSMS

**Date/Time Extracted: 06/21/23 09:43**

**Analysis Method/SOP: 202**

| Analyte           | Result | Action Level | LOD | LOQ | Units | Notes | Analyte             | Result | Action Level | LOD | LOQ | Units | Notes |
|-------------------|--------|--------------|-----|-----|-------|-------|---------------------|--------|--------------|-----|-----|-------|-------|
| Abamectin         | < LOQ  | 0.5          |     | 0.1 | ppm   |       | Acephate            | < LOQ  | 0.4          |     | 0.1 | ppm   |       |
| Acequinocyl       | < LOQ  | 2            |     | 0.5 | ppm   |       | Acetamiprid         | < LOQ  | 0.2          |     | 0.1 | ppm   |       |
| Aldicarb          | < LOQ  | 0.4          |     | 0.1 | ppm   |       | Azoxystrobin        | < LOQ  | 0.2          |     | 0.1 | ppm   |       |
| Bifenazate        | < LOQ  | 0.2          |     | 0.1 | ppm   |       | Bifenthrin          | < LOQ  | 0.2          |     | 0.1 | ppm   |       |
| Boscalid          | < LOQ  | 0.4          |     | 0.1 | ppm   |       | Carbaryl            | < LOQ  | 0.2          |     | 0.1 | ppm   |       |
| Carbofuran        | < LOQ  | 0.2          |     | 0.1 | ppm   |       | Chlorantraniliprole | < LOQ  | 0.2          |     | 0.1 | ppm   |       |
| Chlorfenapyr      | < LOQ  | 1            |     | 0.1 | ppm   |       | Chlorpyrifos        | < LOQ  | 0.2          |     | 0.1 | ppm   |       |
| Clofentezine      | < LOQ  | 0.2          |     | 0.1 | ppm   |       | Cyfluthrin          | < LOQ  | 1            |     | 0.5 | ppm   |       |
| Cypermethrin      | < LOQ  | 1            |     | 0.5 | ppm   |       | Daminozide          | < LOQ  | 1            |     | 0.5 | ppm   |       |
| DDVP (Dichlorvos) | < LOQ  | 1            |     | 0.1 | ppm   |       | Diazinon            | < LOQ  | 0.2          |     | 0.1 | ppm   |       |
| Dimethoate        | < LOQ  | 0.2          |     | 0.1 | ppm   |       | Ethoprophos         | < LOQ  | 0.2          |     | 0.1 | ppm   |       |
| Etofenprox        | < LOQ  | 0.4          |     | 0.1 | ppm   |       | Etoxazole           | < LOQ  | 0.2          |     | 0.1 | ppm   |       |
| Fenoxycarb        | < LOQ  | 0.2          |     | 0.1 | ppm   |       | Fenpyroximate       | < LOQ  | 0.4          |     | 0.1 | ppm   |       |
| Fipronil          | < LOQ  | 0.4          |     | 0.1 | ppm   |       | Fonicamid           | < LOQ  | 1            |     | 0.1 | ppm   |       |
| Fludioxonil       | < LOQ  | 0.4          |     | 0.1 | ppm   |       | Hexythiazox         | < LOQ  | 1            |     | 0.1 | ppm   |       |
| Imazalil          | < LOQ  | 0.2          |     | 0.1 | ppm   |       | Imidacloprid        | < LOQ  | 0.4          |     | 0.1 | ppm   |       |
| Kresoxim-methyl   | < LOQ  | 0.4          |     | 0.1 | ppm   |       | Malathion           | < LOQ  | 0.2          |     | 0.1 | ppm   |       |
| Metalaxyl         | < LOQ  | 0.2          |     | 0.1 | ppm   |       | Methiocarb          | < LOQ  | 0.2          |     | 0.1 | ppm   |       |
| Methomyl          | < LOQ  | 0.4          |     | 0.1 | ppm   |       | Methyl parathion    | < LOQ  | 0.2          |     | 0.1 | ppm   |       |
| MGK-264           | < LOQ  | 0.2          |     | 0.1 | ppm   |       | Myclobutanil        | < LOQ  | 0.2          |     | 0.1 | ppm   |       |
| Naled             | < LOQ  | 0.5          |     | 0.1 | ppm   |       | Oxamyl              | < LOQ  | 1            |     | 0.1 | ppm   |       |
| Paclobutrazol     | < LOQ  | 0.4          |     | 0.1 | ppm   |       | Permethrins         | < LOQ  | 0.2          |     | 0.1 | ppm   |       |
| Phosmet           | < LOQ  | 0.2          |     | 0.1 | ppm   |       | Piperonyl butoxide  | < LOQ  | 2            |     | 0.9 | ppm   |       |
| Prallethrin       | < LOQ  | 0.2          |     | 0.1 | ppm   |       | Propiconazole       | < LOQ  | 0.4          |     | 0.1 | ppm   |       |
| Propoxur          | < LOQ  | 0.2          |     | 0.1 | ppm   |       | Pyrethrins          | < LOQ  | 1            |     | 0.5 | ppm   |       |
| Pyridaben         | < LOQ  | 0.2          |     | 0.1 | ppm   |       | Spinosad            | < LOQ  | 0.2          |     | 0.1 | ppm   |       |
| Spiromesifen      | < LOQ  | 0.2          |     | 0.1 | ppm   |       | Spirotetramat       | < LOQ  | 0.2          |     | 0.1 | ppm   |       |
| Spiroxamine       | < LOQ  | 0.4          |     | 0.1 | ppm   |       | Tebuconazole        | < LOQ  | 0.4          |     | 0.1 | ppm   |       |
| Thiacloprid       | < LOQ  | 0.2          |     | 0.1 | ppm   |       | Thiamethoxam        | < LOQ  | 0.2          |     | 0.1 | ppm   |       |
| Trifloxystrobin   | < LOQ  | 0.2          |     | 0.1 | ppm   |       |                     |        |              |     |     |       |       |

ND - Compound not detected

Results above the Action Level fail state testing requirements and will be highlighted **Red**.



**D8C.060923.1**

**Sample ID: G3F0230-01**

**Matrix: Hemp Extracts & Concentrates**

**Test ID: 5025229**

**Source ID:**

**Date Sampled: 06/14/23**

**Date Accepted: 06/14/23**

### Residual Solvents by GCMS-HS

**Date/Time Extracted: 06/21/23 12:17**

**Analysis Method/SOP: 205**

| Analyte           | Result | Action Level | LOD | LOQ   | Units | Notes |
|-------------------|--------|--------------|-----|-------|-------|-------|
| 1,4-Dioxane       | < LOQ  | 380          |     | 50.00 | ppm   |       |
| 2-Butanol         | < LOQ  | 5000         |     | 1000  | ppm   |       |
| 2-Ethoxyethanol   | < LOQ  | 160          |     | 80.00 | ppm   |       |
| 2-Propanol (IPA)  | < LOQ  | 5000         |     | 1000  | ppm   |       |
| Acetone           | < LOQ  | 5000         |     | 1000  | ppm   |       |
| Acetonitrile      | < LOQ  | 410          |     | 50.00 | ppm   |       |
| Benzene           | < LOQ  | 2            |     | 1.000 | ppm   |       |
| Butanes           | < LOQ  | 5000         |     | 1000  | ppm   |       |
| Cumene            | < LOQ  | 70           |     | 35.00 | ppm   |       |
| Cyclohexane       | < LOQ  | 3880         |     | 50.00 | ppm   |       |
| Dichloromethane   | < LOQ  | 600          |     | 50.00 | ppm   |       |
| Ethyl acetate     | < LOQ  | 5000         |     | 1000  | ppm   |       |
| Ethyl benzene     | < LOQ  | 2170         |     | 35.00 | ppm   |       |
| Ethyl ether       | < LOQ  | 5000         |     | 1000  | ppm   |       |
| Ethylene glycol   | < LOQ  | 620          |     | 310.0 | ppm   |       |
| Ethylene oxide    | < LOQ  | 50           |     | 25.00 | ppm   |       |
| Heptane           | < LOQ  | 5000         |     | 1000  | ppm   |       |
| Hexanes           | < LOQ  | 290          |     | 50.00 | ppm   |       |
| Isopropyl acetate | < LOQ  | 5000         |     | 1000  | ppm   |       |
| Methanol          | < LOQ  | 3000         |     | 1000  | ppm   |       |
| Pentanes          | < LOQ  | 5000         |     | 1000  | ppm   |       |
| Propane           | < LOQ  | 5000         |     | 1000  | ppm   |       |
| Tetrahydrofuran   | < LOQ  | 720          |     | 50.00 | ppm   |       |
| Toluene           | < LOQ  | 890          |     | 50.00 | ppm   |       |
| Xylenes           | < LOQ  | 2170         |     | 50.00 | ppm   |       |

<LOQ - Results below the Limit of Quantitation

Results above the Action Level fail state testing requirements and will be highlighted **Red**.



**D8C.060923.1**

**Sample ID:** G3F0230-01

**Matrix:** Hemp Extracts & Concentrates

**Test ID:** 5025229

**Source ID:**

**Date Sampled:** 06/14/23

**Date Accepted:** 06/14/23

### Metals by ICPMS

**Date/Time Extracted:** 06/21/23 09:55

**Analysis Method/SOP:** Metals

| Analyte | Result | Action Level | LOD  | LOQ  | Units |
|---------|--------|--------------|------|------|-------|
| Arsenic | < LOQ  | 0.2          | 0.03 | 0.08 | ug/g  |
| Cadmium | < LOQ  | 0.2          | 0.02 | 0.08 | ug/g  |
| Lead    | < LOQ  | 0.5          | 0.01 | 0.08 | ug/g  |
| Mercury | < LOQ  | 0.1          | 0.01 | 0.04 | ug/g  |

<LOQ - Results below the Limit of Quantitation

Results above the Action Level fail state testing requirements and will be highlighted **Red**.



### Quality Control Potency

**Batch: 2324061 - 215-Concentrates**

| Blank(2324061-BLK1) |        |        |       |                  |                |                |       |
|---------------------|--------|--------|-------|------------------|----------------|----------------|-------|
| Analyte             | Result | LOQ    | Units | %Recovery Limits | Extracted      | Analyzed       | Notes |
| THCA                | < LOQ  | 0.0005 | %     |                  | 06/15/23 09:54 | 06/15/23 17:08 |       |
| delta 9-THC         | < LOQ  | 0.0005 | %     |                  | 06/15/23 09:54 | 06/15/23 17:08 |       |
| delta 8-THC         | < LOQ  | 0.0934 | %     |                  | 06/15/23 09:54 | 06/15/23 17:08 |       |
| THCV                | < LOQ  | 0.1052 | %     |                  | 06/15/23 09:54 | 06/15/23 17:08 |       |
| THCVA               | < LOQ  | 0.0392 | %     |                  | 06/15/23 09:54 | 06/15/23 17:08 |       |
| CBD                 | < LOQ  | 0.0005 | %     |                  | 06/15/23 09:54 | 06/15/23 17:08 |       |
| CBDA                | < LOQ  | 0.0005 | %     |                  | 06/15/23 09:54 | 06/15/23 17:08 |       |
| CBDV                | < LOQ  | 0.1040 | %     |                  | 06/15/23 09:54 | 06/15/23 17:08 |       |
| CBDVA               | < LOQ  | 0.0341 | %     |                  | 06/15/23 09:54 | 06/15/23 17:08 |       |
| CBN                 | < LOQ  | 0.0622 | %     |                  | 06/15/23 09:54 | 06/15/23 17:08 |       |
| CBG                 | < LOQ  | 0.0164 | %     |                  | 06/15/23 09:54 | 06/15/23 17:08 |       |
| CBGA                | < LOQ  | 0.0164 | %     |                  | 06/15/23 09:54 | 06/15/23 17:08 |       |
| CBC                 | < LOQ  | 0.0186 | %     |                  | 06/15/23 09:54 | 06/15/23 17:08 |       |

| Reference(2324061-SRM1) |            |        |       |                  |                |                |       |
|-------------------------|------------|--------|-------|------------------|----------------|----------------|-------|
| Analyte                 | % Recovery | LOQ    | Units | %Recovery Limits | Extracted      | Analyzed       | Notes |
| THCA                    | 99.5       | 0.0002 | %     | 90-110           | 06/15/23 09:54 | 06/15/23 17:31 |       |
| delta 9-THC             | 110        | 0.0002 | %     | 90-110           | 06/15/23 09:54 | 06/15/23 17:31 |       |
| delta 8-THC             | 96.4       | 0.0455 | %     | 90-110           | 06/15/23 09:54 | 06/15/23 17:31 |       |
| CBD                     | 107        | 0.0002 | %     | 90-110           | 06/15/23 09:54 | 06/15/23 17:31 |       |
| CBDA                    | 90.4       | 0.0002 | %     | 90-110           | 06/15/23 09:54 | 06/15/23 17:31 |       |

### Pesticide Analysis

**Batch: 2325027 - 202**

| Blank(2325027-BLK1) |        |     |       |                  |                |                |       |
|---------------------|--------|-----|-------|------------------|----------------|----------------|-------|
| Analyte             | Result | LOQ | Units | %Recovery Limits | Extracted      | Analyzed       | Notes |
| Abamectin           | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Acephate            | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Acequinocyl         | < LOQ  | 0.5 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Acetamiprid         | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Aldicarb            | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Azoxystrobin        | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Bifenazate          | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Bifenthrin          | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Boscalid            | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/22/23 02:27 |       |
| Carbaryl            | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Carbofuran          | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Chlorantraniliprole | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Chlorfenapyr        | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/22/23 02:27 |       |



Eric Wendt  
Chief Science Officer - 6/26/2023

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### Quality Control Pesticide Analysis (Continued)

Batch: 2325027 - 202 (Continued)

| Blank(2325027-BLK1) |        |     |       |                  |                |                |       |
|---------------------|--------|-----|-------|------------------|----------------|----------------|-------|
| Analyte             | Result | LOQ | Units | %Recovery Limits | Extracted      | Analyzed       | Notes |
| Chlorpyrifos        | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Clofentezine        | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Daminozide          | < LOQ  | 0.5 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Cyfluthrin          | < LOQ  | 0.5 | ppm   |                  | 06/21/23 09:43 | 06/22/23 02:27 |       |
| Diazinon            | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Cypermethrin        | < LOQ  | 0.5 | ppm   |                  | 06/21/23 09:43 | 06/22/23 02:27 |       |
| Dimethoate          | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Ethoprophos         | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Etofenprox          | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Etoxazole           | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Fenoxycarb          | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Fenpyroximate       | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Flonicamid          | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Hexythiazox         | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Imazalil            | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Fipronil            | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/22/23 02:27 |       |
| Imidacloprid        | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Fludioxonil         | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/22/23 02:27 |       |
| Metalaxyl           | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Methiocarb          | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Methomyl            | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Myclobutanil        | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Kresoxim-methyl     | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/22/23 02:27 |       |
| Naled               | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Malathion           | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/22/23 02:27 |       |
| Oxamyl              | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Paclobutrazol       | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Permethrins         | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Methyl parathion    | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/22/23 02:27 |       |
| MGK-264             | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/22/23 02:27 |       |
| Phosmet             | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Piperonyl butoxide  | < LOQ  | 0.9 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Prallethrin         | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Propoxur            | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Pyrethrins          | < LOQ  | 0.5 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Pyridaben           | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Propiconazole       | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/22/23 02:27 |       |
| Spinosad            | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |



### Quality Control Pesticide Analysis (Continued)

**Batch: 2325027 - 202 (Continued)**

| Blank(2325027-BLK1) |        |     |       |                  |                |                |       |
|---------------------|--------|-----|-------|------------------|----------------|----------------|-------|
| Analyte             | Result | LOQ | Units | %Recovery Limits | Extracted      | Analyzed       | Notes |
| Spiromesifen        | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Spirotetramat       | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Spiroxamine         | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Tebuconazole        | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Thiacloprid         | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Thiamethoxam        | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| Trifloxystrobin     | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |
| DDVP (Dichlorvos)   | < LOQ  | 0.1 | ppm   |                  | 06/21/23 09:43 | 06/21/23 18:17 |       |

| LCS(2325027-BS1)    |            |     |       |                  |                |                |       |
|---------------------|------------|-----|-------|------------------|----------------|----------------|-------|
| Analyte             | % Recovery | LOQ | Units | %Recovery Limits | Extracted      | Analyzed       | Notes |
| Abamectin           | 86.1       | 0.1 | ppm   | 50-150           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Acephate            | 97.2       | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Acequinocyl         | 94.9       | 0.5 | ppm   | 40-160           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Acetamiprid         | 109        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Aldicarb            | 101        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Azoxystrobin        | 110        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Bifenazate          | 115        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Bifenthrin          | 106        | 0.1 | ppm   | 50-150           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Boscalid            | 92.6       | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/22/23 02:49 |       |
| Carbaryl            | 113        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Carbofuran          | 108        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Chlorantraniliprole | 86.9       | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Chlorfenapyr        | 68.1       | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/22/23 02:49 |       |
| Chlorpyrifos        | 96.3       | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Clofentezine        | 101        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Cypermethrin        | 92.8       | 0.5 | ppm   | 50-150           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Daminozide          | 446        | 0.5 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 | BSH   |
| Cyfluthrin          | 117        | 0.5 | ppm   | 50-150           | 06/21/23 09:43 | 06/22/23 02:49 |       |
| Diazinon            | 106        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Cypermethrin        | 90.6       | 0.5 | ppm   | 50-150           | 06/21/23 09:43 | 06/22/23 02:49 |       |
| Dimethoate          | 105        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Ethoprophos         | 107        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Etofenprox          | 100        | 0.1 | ppm   | 50-150           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Etoxazole           | 110        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Fenoxycarb          | 108        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Fenpyroximate       | 106        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Flonicamid          | 114        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Hexythiazox         | 111        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |



### Quality Control Pesticide Analysis (Continued)

Batch: 2325027 - 202 (Continued)

| LCS(2325027-BS1)   |            |     |       |                  |                |                |       |
|--------------------|------------|-----|-------|------------------|----------------|----------------|-------|
| Analyte            | % Recovery | LOQ | Units | %Recovery Limits | Extracted      | Analyzed       | Notes |
| Imazalil           | 106        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Fipronil           | 63.6       | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/22/23 02:49 |       |
| Imidacloprid       | 114        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Fludioxonil        | 84.3       | 0.1 | ppm   | 50-150           | 06/21/23 09:43 | 06/22/23 02:49 |       |
| Metalaxyl          | 110        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Methiocarb         | 117        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Methomyl           | 110        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Myclobutanil       | 102        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Kresoxim-methyl    | 113        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/22/23 02:49 |       |
| Naled              | 105        | 0.1 | ppm   | 50-150           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Malathion          | 108        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/22/23 02:49 |       |
| Oxamyl             | 112        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Paclobutrazol      | 107        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Permethrins        | 107        | 0.1 | ppm   | 50-150           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Methyl parathion   | 93.9       | 0.1 | ppm   | 50-150           | 06/21/23 09:43 | 06/22/23 02:49 |       |
| MGK-264            | 117        | 0.1 | ppm   | 50-150           | 06/21/23 09:43 | 06/22/23 02:49 |       |
| Phosmet            | 116        | 0.1 | ppm   | 50-150           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Piperonyl butoxide | 122        | 0.9 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 | BSH   |
| Prallethrin        | 105        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Propoxur           | 108        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Pyrethrins         | 104        | 0.5 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Pyridaben          | 110        | 0.1 | ppm   | 50-150           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Propiconazole      | 99.3       | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/22/23 02:49 |       |
| Spinosad           | 100        | 0.1 | ppm   | 50-150           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Spiromesifen       | 111        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Spirotetramat      | 113        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Spiroxamine        | 108        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Tebuconazole       | 106        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Thiacloprid        | 113        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Thiamethoxam       | 114        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| Trifloxystrobin    | 110        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |
| DDVP (Dichlorvos)  | 109        | 0.1 | ppm   | 60-120           | 06/21/23 09:43 | 06/21/23 18:40 |       |

### Solvent Analysis

Batch: 2325035 - 205

| Blank(2325035-BLK1) |        |      |       |                  |                |                |       |
|---------------------|--------|------|-------|------------------|----------------|----------------|-------|
| Analyte             | Result | LOQ  | Units | %Recovery Limits | Extracted      | Analyzed       | Notes |
| Acetone             | < LOQ  | 1000 | ppm   |                  | 06/21/23 12:17 | 06/22/23 11:14 |       |



Eric Wendt  
Chief Science Officer - 6/26/2023



### Quality Control Solvent Analysis (Continued)

**Batch: 2325035 - 205 (Continued)**

| Blank(2325035-BLK1) |        |       |       |                  |                |                |       |
|---------------------|--------|-------|-------|------------------|----------------|----------------|-------|
| Analyte             | Result | LOQ   | Units | %Recovery Limits | Extracted      | Analyzed       | Notes |
| Acetonitrile        | < LOQ  | 50.00 | ppm   |                  | 06/21/23 12:17 | 06/22/23 11:14 |       |
| Benzene             | < LOQ  | 1.000 | ppm   |                  | 06/21/23 12:17 | 06/22/23 11:14 |       |
| Butanes             | < LOQ  | 1000  | ppm   |                  | 06/21/23 12:17 | 06/22/23 11:14 |       |
| 2-Butanol           | < LOQ  | 1000  | ppm   |                  | 06/21/23 12:17 | 06/22/23 11:14 |       |
| Cumene              | < LOQ  | 35.00 | ppm   |                  | 06/21/23 12:17 | 06/22/23 11:14 |       |
| Cyclohexane         | < LOQ  | 50.00 | ppm   |                  | 06/21/23 12:17 | 06/22/23 11:14 |       |
| Dichloromethane     | < LOQ  | 50.00 | ppm   |                  | 06/21/23 12:17 | 06/22/23 11:14 |       |
| 1,4-Dioxane         | < LOQ  | 50.00 | ppm   |                  | 06/21/23 12:17 | 06/22/23 11:14 |       |
| 2-Ethoxyethanol     | < LOQ  | 80.00 | ppm   |                  | 06/21/23 12:17 | 06/22/23 11:14 |       |
| Ethyl acetate       | < LOQ  | 1000  | ppm   |                  | 06/21/23 12:17 | 06/22/23 11:14 |       |
| Ethyl benzene       | < LOQ  | 35.00 | ppm   |                  | 06/21/23 12:17 | 06/22/23 11:14 |       |
| Ethylene glycol     | < LOQ  | 310.0 | ppm   |                  | 06/21/23 12:17 | 06/22/23 11:14 |       |
| Ethylene oxide      | < LOQ  | 25.00 | ppm   |                  | 06/21/23 12:17 | 06/22/23 11:14 |       |
| Ethyl ether         | < LOQ  | 1000  | ppm   |                  | 06/21/23 12:17 | 06/22/23 11:14 |       |
| Heptane             | < LOQ  | 1000  | ppm   |                  | 06/21/23 12:17 | 06/22/23 11:14 |       |
| Hexanes             | < LOQ  | 50.00 | ppm   |                  | 06/21/23 12:17 | 06/22/23 11:14 |       |
| Isopropyl acetate   | < LOQ  | 1000  | ppm   |                  | 06/21/23 12:17 | 06/22/23 11:14 |       |
| Methanol            | < LOQ  | 1000  | ppm   |                  | 06/21/23 12:17 | 06/22/23 11:14 |       |
| Pentanes            | < LOQ  | 1000  | ppm   |                  | 06/21/23 12:17 | 06/22/23 11:14 |       |
| Propane             | < LOQ  | 1000  | ppm   |                  | 06/21/23 12:17 | 06/22/23 11:14 |       |
| 2-Propanol (IPA)    | < LOQ  | 1000  | ppm   |                  | 06/21/23 12:17 | 06/22/23 11:14 |       |
| Tetrahydrofuran     | < LOQ  | 50.00 | ppm   |                  | 06/21/23 12:17 | 06/22/23 11:14 |       |
| Toluene             | < LOQ  | 50.00 | ppm   |                  | 06/21/23 12:17 | 06/22/23 11:14 |       |
| Xylenes             | < LOQ  | 50.00 | ppm   |                  | 06/21/23 12:17 | 06/22/23 11:14 |       |

| LCS(2325035-BS1) |            |       |       |                  |                |                |       |
|------------------|------------|-------|-------|------------------|----------------|----------------|-------|
| Analyte          | % Recovery | LOQ   | Units | %Recovery Limits | Extracted      | Analyzed       | Notes |
| Acetone          | 106        | 1000  | ppm   | 60-120           | 06/21/23 12:17 | 06/21/23 15:54 |       |
| Acetonitrile     | 106        | 50.00 | ppm   | 60-120           | 06/21/23 12:17 | 06/21/23 15:54 |       |
| Benzene          | 109        | 1.000 | ppm   | 60-120           | 06/21/23 12:17 | 06/21/23 15:54 |       |
| Butanes          | 109        | 1000  | ppm   | 60-120           | 06/21/23 12:17 | 06/21/23 15:54 |       |
| 2-Butanol        | 108        | 1000  | ppm   | 60-120           | 06/21/23 12:17 | 06/21/23 15:54 |       |
| Cumene           | 118        | 35.00 | ppm   | 60-120           | 06/21/23 12:17 | 06/21/23 15:54 |       |
| Cyclohexane      | 111        | 50.00 | ppm   | 60-120           | 06/21/23 12:17 | 06/21/23 15:54 |       |
| Dichloromethane  | 102        | 50.00 | ppm   | 60-120           | 06/21/23 12:17 | 06/21/23 15:54 |       |
| 1,4-Dioxane      | 121        | 50.00 | ppm   | 60-120           | 06/21/23 12:17 | 06/21/23 15:54 | BSH   |
| 2-Ethoxyethanol  | 117        | 80.00 | ppm   | 60-120           | 06/21/23 12:17 | 06/21/23 15:54 |       |
| Ethyl acetate    | 110        | 1000  | ppm   | 60-120           | 06/21/23 12:17 | 06/21/23 15:54 |       |
| Ethyl benzene    | 124        | 35.00 | ppm   | 60-120           | 06/21/23 12:17 | 06/21/23 15:54 | BSH   |



Eric Wendt  
Chief Science Officer - 6/26/2023



### Quality Control Solvent Analysis (Continued)

Batch: 2325035 - 205 (Continued)

| LCS(2325035-BS1)  |            |       |       |                  |                |                |       |
|-------------------|------------|-------|-------|------------------|----------------|----------------|-------|
| Analyte           | % Recovery | LOQ   | Units | %Recovery Limits | Extracted      | Analyzed       | Notes |
| Ethylene glycol   | 152        | 310.0 | ppm   | 60-120           | 06/21/23 12:17 | 06/21/23 15:54 | BSH   |
| Ethylene oxide    | 95.1       | 25.00 | ppm   | 60-120           | 06/21/23 12:17 | 06/21/23 15:54 |       |
| Ethyl ether       | 96.4       | 1000  | ppm   | 60-120           | 06/21/23 12:17 | 06/21/23 15:54 |       |
| Heptane           | 102        | 1000  | ppm   | 60-120           | 06/21/23 12:17 | 06/21/23 15:54 |       |
| Hexanes           | 99.4       | 50.00 | ppm   | 60-120           | 06/21/23 12:17 | 06/21/23 15:54 |       |
| Isopropyl acetate | 107        | 1000  | ppm   | 60-120           | 06/21/23 12:17 | 06/21/23 15:54 |       |
| Methanol          | 98.8       | 1000  | ppm   | 60-120           | 06/21/23 12:17 | 06/21/23 15:54 |       |
| Pentanes          | 99.6       | 1000  | ppm   | 60-120           | 06/21/23 12:17 | 06/21/23 15:54 |       |
| Propane           | 122        | 1000  | ppm   | 60-120           | 06/21/23 12:17 | 06/21/23 15:54 | BSH   |
| 2-Propanol (IPA)  | 98.7       | 1000  | ppm   | 60-120           | 06/21/23 12:17 | 06/21/23 15:54 |       |
| Tetrahydrofuran   | 103        | 50.00 | ppm   | 60-120           | 06/21/23 12:17 | 06/21/23 15:54 |       |
| Toluene           | 118        | 50.00 | ppm   | 60-120           | 06/21/23 12:17 | 06/21/23 15:54 |       |

### Metals

Batch: 2325030 - 217

| Blank(2325030-BLK1) |        |      |       |                  |                |                |       |
|---------------------|--------|------|-------|------------------|----------------|----------------|-------|
| Analyte             | Result | LOQ  | Units | %Recovery Limits | Extracted      | Analyzed       | Notes |
| Cadmium             | < LOQ  | 0.08 | ug/g  |                  | 06/21/23 09:55 | 06/22/23 15:50 |       |
| Lead                | < LOQ  | 0.08 | ug/g  |                  | 06/21/23 09:55 | 06/22/23 15:50 |       |
| Arsenic             | < LOQ  | 0.08 | ug/g  |                  | 06/21/23 09:55 | 06/22/23 15:50 |       |
| Mercury             | < LOQ  | 0.04 | ug/g  |                  | 06/21/23 09:55 | 06/22/23 15:50 |       |

| LCS(2325030-BS1) |            |      |       |                  |                |                |       |
|------------------|------------|------|-------|------------------|----------------|----------------|-------|
| Analyte          | % Recovery | LOQ  | Units | %Recovery Limits | Extracted      | Analyzed       | Notes |
| Cadmium          | 99.2       | 0.08 | ug/g  | 80-115           | 06/21/23 09:55 | 06/22/23 15:52 |       |
| Lead             | 103        | 0.08 | ug/g  | 80-115           | 06/21/23 09:55 | 06/22/23 15:52 |       |
| Arsenic          | 99.2       | 0.08 | ug/g  | 80-115           | 06/21/23 09:55 | 06/22/23 15:52 |       |
| Mercury          | 97.0       | 0.04 | ug/g  | 80-115           | 06/21/23 09:55 | 06/22/23 15:52 |       |



### Notes and Definitions

Regulatory Compliance samples were collected onsite at facility according to ORELAP-SOP-001 and ORELAP-SOP-002 and following Sampling Plan FN117. Quality Control samples were tested as received. Results do not include uncertainty of measurements. Available upon request.

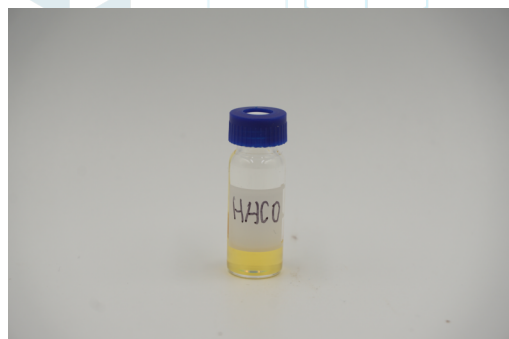
|     |                                                                                                                                            |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------|
| ATM | Non-cannabis matrix related interference or suppression of Internal standard                                                               |
| BLI | Baseline Interference - Cannabinoid peak interference in chromatographic baseline affecting QC recovery .                                  |
| BLK | Analyte detected in method blank, but not associated samples.                                                                              |
| BSH | Blank Spike High - Blank Spike recovery above method limit. no detections in samples.                                                      |
| BSL | Blank Spike Low - Blank Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.                 |
| C   | Interference due to co-elution                                                                                                             |
| CBD | CBD matrix interference on GC Pest chromatography                                                                                          |
| CV1 | CCV was above acceptance criteria, Non-detect samples are considered acceptable.                                                           |
| CV2 | CCV was below acceptance criteria, sample still exceeds regulatory limit.                                                                  |
| INF | One or more QC falls outside acceptance criteria. Data entered into LIMS for informational purposes only.                                  |
| ISH | Internal Standard concentration is above acceptance criteria.                                                                              |
| ISL | Internal Standard concentration is below acceptance criteria.                                                                              |
| MSH | Matrix Spike High - Matrix Spike recovery above method limits.                                                                             |
| MSI | Matrix Spike Interference - Matrix spike source sample contains analyte hit above calibration affecting recovery accuracy in Matrix Spike. |
| MSL | Matrix Spike Low - Matrix Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.               |
| TPP | Internal Standard concentration outside control limit due to matrix interference                                                           |
| U   |                                                                                                                                            |

## HHCO

Sample ID: SA-230406-19930  
 Batch: Validation  
 Type: In-Process Materials  
 Matrix: Concentrate - Distillate  
 Unit Mass (g):

Received: 04/06/2023  
 Completed: 04/17/2023

**Client**  
 Arvida Labs  
 1291 NW 65th PL Unit B  
 Fort Lauderdale, FL 33309  
 USA



## Summary

**Test**  
 Cannabinoids

**Date Tested**  
 04/17/2023

**Status**  
 Tested

|              |                           |                    |                   |                   |                                 |
|--------------|---------------------------|--------------------|-------------------|-------------------|---------------------------------|
| <b>ND</b>    | <b>68.8 %</b>             | <b>95.3 %</b>      | <b>Not Tested</b> | <b>Not Tested</b> | <b>Yes</b>                      |
| Total Δ9-THC | (6aR,9R,10aR)-HHC acetate | Total Cannabinoids | Moisture Content  | Foreign Matter    | Internal Standard Normalization |

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

| Analyte                   | LOD (%) | LOQ (%) | Result (%)  | Result (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-THC                    | 0.0104  | 0.0312  | ND          | ND            |
| Δ9-THC                    | 0.0076  | 0.0227  | ND          | ND            |
| Δ9-THCV                   | 0.0069  | 0.0206  | ND          | ND            |
| (6aR,9R,10aR)-HHC acetate | 0.0067  | 0.02    | 68.8        | 688           |
| (6aR,9S,10aR)-HHC acetate | 0.0067  | 0.02    | 26.4        | 264           |
| <b>Total Δ9-THC</b>       |         |         | <b>ND</b>   | <b>ND</b>     |
| <b>Total</b>              |         |         | <b>95.3</b> | <b>953</b>    |

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  
 Date: 04/17/2023



Tested By: Scott Caudill  
 Senior Scientist  
 Date: 04/17/2023



ISO/IEC 17025:2017 Accredited  
 Accreditation #108651



## Arvida Labs THCp

Sample ID: SA-230321-18754  
 Batch: AL-THCp-0001  
 Type: Finished Products  
 Matrix: Concentrate - Distillate  
 Unit Mass (g):

Collected: 03/21/2023  
 Received: 03/22/2023  
 Completed: 03/27/2023

**Client**  
 Arvida Labs  
 1291 NW 65th PL Unit B  
 Fort Lauderdale, FL 33309  
 USA



## Summary

**Test**  
 Cannabinoids

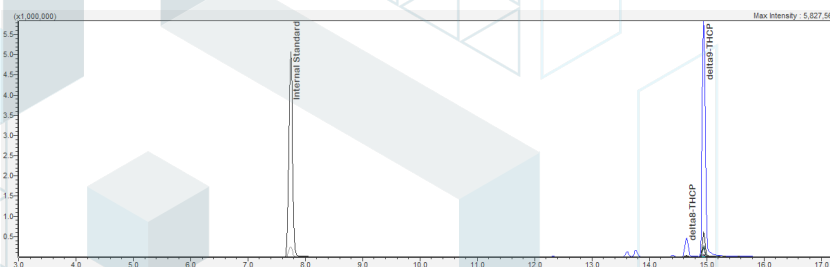
**Date Tested**  
 03/27/2023

**Status**  
 Tested

|              |               |                    |                   |                   |                                 |
|--------------|---------------|--------------------|-------------------|-------------------|---------------------------------|
| <b>ND</b>    | <b>88.9 %</b> | <b>94.8 %</b>      | <b>Not Tested</b> | <b>Not Tested</b> | <b>Yes</b>                      |
| Total Δ9-THC | Δ9-THCP       | Total Cannabinoids | Moisture Content  | Foreign Matter    | Internal Standard Normalization |

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

| 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            |
| CBDP                | 0.0067  | 0.02    | 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  | ND          | ND            |
| Δ8-THCP             | 0.0067  | 0.02    | 5.82        | 58.2          |
| Δ9-THC              | 0.0076  | 0.0227  | ND          | ND            |
| Δ9-THCA             | 0.0084  | 0.0251  | ND          | ND            |
| Δ9-THCP             | 0.0067  | 0.02    | 88.9        | 889           |
| Δ9-THCV             | 0.0069  | 0.0206  | ND          | ND            |
| Δ9-THCVA            | 0.0062  | 0.0186  | ND          | ND            |
| <b>Total Δ9-THC</b> |         |         | <b>ND</b>   | <b>ND</b>     |
| <b>Total CBD</b>    |         |         | <b>ND</b>   | <b>ND</b>     |
| <b>Total</b>        |         |         | <b>94.8</b> | <b>948</b>    |



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  
 Date: 03/27/2023



Tested By: Scott Caudill  
 Senior Scientist  
 Date: 03/27/2023



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 Accreditation #108651



## HHCP

Sample ID: SA-230313-18092  
 Batch: HHCP-032023  
 Type: Finished Products  
 Matrix: Concentrate - Distillate  
 Unit Mass (g):

Received: 03/14/2023  
 Completed: 03/23/2023

**Client**  
 Arvida Labs  
 1291 NW 65th PL Unit B  
 Fort Lauderdale, FL 33309  
 USA



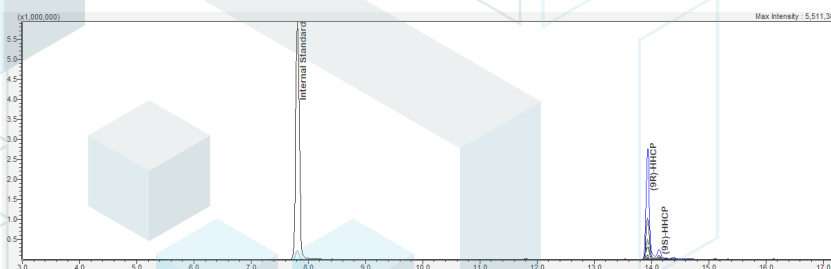
## Summary

| Test              | Date Tested | Status |
|-------------------|-------------|--------|
| Cannabinoids      | 03/17/2023  | Tested |
| Catalyst Metals   | 03/21/2023  | Tested |
| Foreign Matter    | 03/15/2023  | Tested |
| Heavy Metals      | 03/17/2023  | Tested |
| Microbials        | 03/23/2023  | Tested |
| Mycotoxins        | 03/16/2023  | Tested |
| Pesticides        | 03/16/2023  | Tested |
| Residual Solvents | 03/15/2023  | Tested |

|                           |                          |                                     |                                       |                                       |                                               |
|---------------------------|--------------------------|-------------------------------------|---------------------------------------|---------------------------------------|-----------------------------------------------|
| <b>ND</b><br>Total Δ9-THC | <b>72.3 %</b><br>9R-HHCP | <b>80.9 %</b><br>Total Cannabinoids | <b>Not Tested</b><br>Moisture Content | <b>Not Detected</b><br>Foreign Matter | <b>Yes</b><br>Internal Standard Normalization |
|---------------------------|--------------------------|-------------------------------------|---------------------------------------|---------------------------------------|-----------------------------------------------|

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

| 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            |
| CBD A               | 0.0043  | 0.013   | ND          | ND            |
| CBDP                | 0.0067  | 0.02    | 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  | ND          | ND            |
| Δ8-THCP             | 0.0067  | 0.02    | ND          | ND            |
| Δ9-THC              | 0.0076  | 0.0227  | ND          | ND            |
| Δ9-THCA             | 0.0084  | 0.0251  | ND          | ND            |
| Δ9-THCP             | 0.0067  | 0.02    | ND          | ND            |
| Δ9-THCV             | 0.0069  | 0.0206  | ND          | ND            |
| Δ9-THCVA            | 0.0062  | 0.0186  | ND          | ND            |
| (6aR,9R,10aR)-HHc   | 0.0067  | 0.02    | ND          | ND            |
| (6aR,9S,10aR)-HHc   | 0.0067  | 0.02    | ND          | ND            |
| 9R-HHCP             | 0.0067  | 0.02    | 72.3        | 723           |
| 9S-HHCP             | 0.0067  | 0.02    | 8.66        | 86.6          |
| <b>Total Δ9-THC</b> |         |         | <b>ND</b>   | <b>ND</b>     |
| <b>Total CBD</b>    |         |         | <b>ND</b>   | <b>ND</b>     |
| <b>Total</b>        |         |         | <b>80.9</b> | <b>809</b>    |



ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA

Generated By: Ryan Bellone  
 CCO  
 Date: 03/23/2023

Tested By: Scott Caudill  
 Senior Scientist  
 Date: 03/17/2023



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 Accreditation #108651



DA \* 0



**HHCP**

Sample ID: SA-230313-18092  
Batch: HHCP-032023  
Type: Finished Products  
Matrix: Concentrate - Distillate  
Unit Mass (g):

Received: 03/14/2023  
Completed: 03/23/2023

**Client**  
Arvida Labs  
1291 NW 65th PL Unit B  
Fort Lauderdale, FL 33309  
USA



Generated By: Ryan Bellone  
CCO

Date: 03/23/2023

This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 17025:2017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories can provide measurement uncertainty upon request.



## HHCP

Sample ID: SA-230313-18092  
 Batch: HHCP-032023  
 Type: Finished Products  
 Matrix: Concentrate - Distillate  
 Unit Mass (g):

Received: 03/14/2023  
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**Client**  
 Arvida Labs  
 1291 NW 65th PL Unit B  
 Fort Lauderdale, FL 33309  
 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: 03/23/2023



Tested By: Kelsey Rogers  
 Scientist

Date: 03/17/2023



## HHCP

Sample ID: SA-230313-18092  
 Batch: HHCP-032023  
 Type: Finished Products  
 Matrix: Concentrate - Distillate  
 Unit Mass (g):

Received: 03/14/2023  
 Completed: 03/23/2023

**Client**  
 Arvida Labs  
 1291 NW 65th PL Unit B  
 Fort Lauderdale, FL 33309  
 USA

## Pesticides by LC-MS/MS

| Analyte              | LOD (ppb) | LOQ (ppb) | Result (ppb) | Analyte            | LOD (ppb) | LOQ (ppb) | Result (ppb) |
|----------------------|-----------|-----------|--------------|--------------------|-----------|-----------|--------------|
| Acephate             | 30        | 100       | ND           | Hexythiazox        | 30        | 100       | ND           |
| Acetamiprid          | 30        | 100       | ND           | Imazalil           | 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           | Metaxyl            | 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           | Oxamyl             | 30        | 100       | ND           |
| Chlorpyrifos         | 30        | 100       | ND           | Paclobutrazol      | 30        | 100       | ND           |
| Clofentezine         | 30        | 100       | ND           | Permethrin         | 30        | 100       | ND           |
| Coumaphos            | 30        | 100       | ND           | Phosmet            | 30        | 100       | ND           |
| Daminozide           | 30        | 100       | ND           | Piperonyl Butoxide | 30        | 100       | ND           |
| Diazinon             | 30        | 100       | ND           | Prallethrin        | 30        | 100       | ND           |
| Dichlorvos           | 30        | 100       | ND           | Propiconazole      | 30        | 100       | ND           |
| Dimethoate           | 30        | 100       | ND           | Propoxur           | 30        | 100       | ND           |
| Dimethomorph         | 30        | 100       | ND           | Pyrethrins         | 30        | 100       | ND           |
| Ethoprophos          | 30        | 100       | ND           | Pyridaben          | 30        | 100       | ND           |
| Etofenprox           | 30        | 100       | ND           | Spinetoram         | 30        | 100       | ND           |
| Etoxazole            | 30        | 100       | ND           | Spinosad           | 30        | 100       | ND           |
| Fenhexamid           | 30        | 100       | ND           | Spiromesifen       | 30        | 100       | ND           |
| Fenoxycarb           | 30        | 100       | ND           | Spirotetramat      | 30        | 100       | ND           |
| Fenpyroximate        | 30        | 100       | ND           | Spiroxamine        | 30        | 100       | ND           |
| Fipronil             | 30        | 100       | ND           | Tebuconazole       | 30        | 100       | ND           |
| Flonicamid           | 30        | 100       | ND           | Thiacloprid        | 30        | 100       | ND           |
| Fludioxonil          | 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: 03/23/2023



Tested By: Jasper van Heemst  
 Principal Scientist

Date: 03/16/2023



## HHCP

Sample ID: SA-230313-18092  
 Batch: HHCP-032023  
 Type: Finished Products  
 Matrix: Concentrate - Distillate  
 Unit Mass (g):

Received: 03/14/2023  
 Completed: 03/23/2023

**Client**  
 Arvida Labs  
 1291 NW 65th PL Unit B  
 Fort Lauderdale, FL 33309  
 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 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: 03/23/2023



Tested By: Jasper van Heemst  
 Principal Scientist  
 Date: 03/16/2023



## HHCP

Sample ID: SA-230313-18092  
 Batch: HHCP-032023  
 Type: Finished Products  
 Matrix: Concentrate - Distillate  
 Unit Mass (g):

Received: 03/14/2023  
 Completed: 03/23/2023

**Client**  
 Arvida Labs  
 1291 NW 65th PL Unit B  
 Fort Lauderdale, FL 33309  
 USA

## Microbials by PCR and Plating

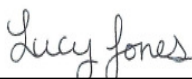
| Analyte                              | LOD (CFU/g) | Result (CFU/g) |
|--------------------------------------|-------------|----------------|
| Total aerobic count                  | 1           | ND             |
| Total coliforms                      | 1           | ND             |
| Generic E. coli                      | 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: 03/23/2023



Tested By: Lucy Jones  
 Scientist

Date: 03/23/2023



## HHCP

Sample ID: SA-230313-18092  
 Batch: HHCP-032023  
 Type: Finished Products  
 Matrix: Concentrate - Distillate  
 Unit Mass (g):

Received: 03/14/2023  
 Completed: 03/23/2023

**Client**  
 Arvida Labs  
 1291 NW 65th PL Unit B  
 Fort Lauderdale, FL 33309  
 USA

## Residual Solvents by HS-GC-MS

| Analyte               | LOD (ppm) | LOQ (ppm) | Result (ppm) | Analyte                  | LOD (ppm) | LOQ (ppm) | Result (ppm) |
|-----------------------|-----------|-----------|--------------|--------------------------|-----------|-----------|--------------|
| Acetone               | 167       | 500       | ND           | Ethylene Glycol          | 21        | 62        | ND           |
| Acetonitrile          | 14        | 41        | ND           | Ethylene Oxide           | 0.5       | 1         | ND           |
| Benzene               | 0.5       | 1         | ND           | Heptane                  | 167       | 500       | ND           |
| Butane                | 167       | 500       | ND           | n-Hexane                 | 10        | 29        | ND           |
| 1-Butanol             | 167       | 500       | ND           | Isobutane                | 167       | 500       | ND           |
| 2-Butanol             | 167       | 500       | ND           | Isopropyl Acetate        | 167       | 500       | ND           |
| 2-Butanone            | 167       | 500       | ND           | Isopropyl Alcohol        | 167       | 500       | ND           |
| Chloroform            | 2         | 6         | ND           | Isopropylbenzene         | 167       | 500       | ND           |
| Cyclohexane           | 129       | 388       | ND           | Methanol                 | 100       | 300       | ND           |
| 1,2-Dichloroethane    | 0.5       | 1         | ND           | 2-Methylbutane           | 10        | 29        | ND           |
| 1,2-Dimethoxyethane   | 4         | 10        | ND           | Methylene Chloride       | 20        | 60        | ND           |
| Dimethyl Sulfoxide    | 167       | 500       | ND           | 2-Methylpentane          | 10        | 29        | ND           |
| N,N-Dimethylacetamide | 37        | 109       | ND           | 3-Methylpentane          | 10        | 29        | ND           |
| 2,2-Dimethylbutane    | 10        | 29        | ND           | n-Pentane                | 167       | 500       | ND           |
| 2,3-Dimethylbutane    | 10        | 29        | ND           | 1-Pentanol               | 167       | 500       | ND           |
| N,N-Dimethylformamide | 30        | 88        | ND           | n-Propane                | 167       | 500       | ND           |
| 2,2-Dimethylpropane   | 167       | 500       | ND           | 1-Propanol               | 167       | 500       | ND           |
| 1,4-Dioxane           | 13        | 38        | ND           | Pyridine                 | 7         | 20        | ND           |
| Ethanol               | 167       | 500       | ND           | Tetrahydrofuran          | 24        | 72        | ND           |
| 2-Ethoxyethanol       | 6         | 16        | ND           | Toluene                  | 30        | 89        | ND           |
| Ethyl Acetate         | 167       | 500       | ND           | Trichloroethylene        | 3         | 8         | ND           |
| Ethyl Ether           | 167       | 500       | ND           | Tetramethylene Sulfone   | 6         | 16        | 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



Generated By: Ryan Bellone  
 CCO  
 Date: 03/23/2023



Tested By: Scott Caudill  
 Senior Scientist  
 Date: 03/15/2023



## HHCP

Sample ID: SA-230313-18092  
 Batch: HHCP-032023  
 Type: Finished Products  
 Matrix: Concentrate - Distillate  
 Unit Mass (g):

Received: 03/14/2023  
 Completed: 03/23/2023

**Client**  
 Arvida Labs  
 1291 NW 65th PL Unit B  
 Fort Lauderdale, FL 33309  
 USA

## Catalyst Metals

| Analyte        | Result | Unit | LOD | LOQ |
|----------------|--------|------|-----|-----|
| Platinum (Pt)  | ND     | ppb  | 3   | 10  |
| Rhodium (Rh)   | ND     | ppb  | 3   | 10  |
| Ruthenium (Ru) | ND     | ppb  | 3   | 10  |
| Nickel (Ni)    | 14.9   | ppb  | 3   | 10  |
| Palladium (Pd) | ND     | ppb  | 3   | 10  |



Generated By: Ryan Bellone  
 CCO

Date: 03/23/2023



Tested By: Kelsey Rogers  
 Scientist

Date: 03/21/2023

