

## THCP 0.5g Cartridge - Miami Heat (Sativa)

Sample ID: SA-240521-40614  
 Batch: 240812014337109  
 Type: Finished Product - Inhalable  
 Matrix: Concentrate - Distillate  
 Unit Mass (g):

Received: 05/22/2024  
 Completed: 06/04/2024

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



### Summary

| Test              | Date Tested | Status |
|-------------------|-------------|--------|
| Cannabinoids      | 06/04/2024  | Tested |
| Heavy Metals      | 05/29/2024  | Tested |
| Microbials        | 05/24/2024  | Tested |
| Mycotoxins        | 05/29/2024  | Tested |
| Pesticides        | 05/29/2024  | Tested |
| Residual Solvents | 05/28/2024  | Tested |

|              |               |                    |                   |                   |                                 |
|--------------|---------------|--------------------|-------------------|-------------------|---------------------------------|
| <b>ND</b>    | <b>78.9 %</b> | <b>88.9 %</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 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  | 4.47        | 44.7          |
| CBDV                | 0.0061  | 0.0182  | ND          | ND            |
| CBG                 | 0.0057  | 0.0172  | 2.80        | 28.0          |
| CBL                 | 0.0112  | 0.0335  | ND          | ND            |
| CBN                 | 0.0056  | 0.0169  | 1.80        | 18.1          |
| CBT                 | 0.018   | 0.054   | ND          | ND            |
| Δ8-THC              | 0.0104  | 0.0312  | ND          | ND            |
| Δ8-THCP             | 0.0067  | 0.02    | 0.860       | 8.60          |
| Δ9-THC              | 0.0076  | 0.0227  | ND          | ND            |
| Δ9-THCP             | 0.0067  | 0.02    | 78.9        | 789           |
| Δ9-THCV             | 0.0069  | 0.0206  | ND          | ND            |
| <b>Total Δ9-THC</b> |         |         | <b>ND</b>   | <b>ND</b>     |
| <b>Total</b>        |         |         | <b>88.9</b> | <b>889</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: 06/04/2024



Tested By: Nicholas Howard  
 Scientist

Date: 06/04/2024



ISO/IEC 17025:2017 Accredited  
 Accreditation #108651



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## Heavy Metals by ICP-MS

| Analyte | LOD (ppm) | LOQ (ppm) | Result (ppm) |
|---------|-----------|-----------|--------------|
| Arsenic | 0.002     | 0.02      | ND           |
| Cadmium | 0.001     | 0.02      | ND           |
| Lead    | 0.002     | 0.02      | ND           |
| Mercury | 0.012     | 0.05      | ND           |

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 CCO

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Tested By: Chris Farman  
 Scientist

Date: 05/29/2024



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## Pesticides by LC-MS/MS

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

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Generated By: Ryan Bellone  
 CCO  
 Date: 06/04/2024



Tested By: Jasper van Heemst  
 Principal Scientist  
 Date: 05/29/2024



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## 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           |

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 CCO  
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Tested By: Jasper van Heemst  
 Principal Scientist  
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**KCA Laboratories**  
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## Certificate of Analysis

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### Microbials by PCR and Plating

| Analyte                              | LOD (CFU/g) | Result (CFU/g) | Result (Qualitative)    |
|--------------------------------------|-------------|----------------|-------------------------|
| Total aerobic count                  | 10          | ND             |                         |
| Total coliforms                      | 10          | ND             |                         |
| Generic E. coli                      | 10          | ND             |                         |
| Salmonella spp.                      | 1           |                | Not Detected per 1 gram |
| Shiga-toxin producing E. coli (STEC) | 1           |                | Not Detected per 1 gram |

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Generated By: Ryan Bellone  
CCO  
Date: 06/04/2024

Tested By: Jade Pinkston  
Microbiology Technician  
Date: 05/24/2024



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.

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## 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 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           |                          |           |           |              |

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Generated By: Ryan Bellone  
 CCO

Date: 06/04/2024



Tested By: Kelsey Rogers  
 Scientist

Date: 05/28/2024

