

## MFB Creativity - 2ML Vape Cartridge - GMO Cookies

 Sample ID: SA-231011-28187  
 Batch: 23171201110223  
 Type: Finished Product - Inhalable  
 Matrix: Concentrate - Distillate  
 Unit Mass (g):

 Received: 10/13/2023  
 Completed: 11/29/2023

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

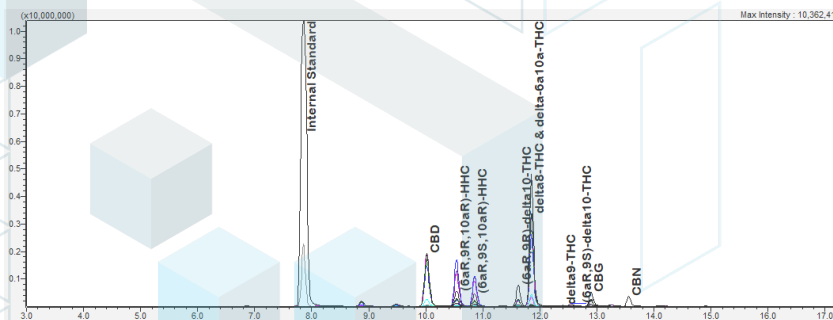

### Summary

| Test              | Date Tested | Status |
|-------------------|-------------|--------|
| Cannabinoids      | 10/24/2023  | Tested |
| Heavy Metals      | 11/28/2023  | Tested |
| Microbials        | 11/24/2023  | Tested |
| Mycotoxins        | 11/29/2023  | Tested |
| Pesticides        | 11/29/2023  | Tested |
| Residual Solvents | 11/28/2023  | Tested |

|                                |                         |                                     |                                       |                                     |   |
|--------------------------------|-------------------------|-------------------------------------|---------------------------------------|-------------------------------------|---|
| <b>0.171 %</b><br>Total Δ9-THC | <b>28.3 %</b><br>Δ8-THC | <b>94.0 %</b><br>Total Cannabinoids | <b>Not Tested</b><br>Moisture Content | <b>Not Tested</b><br>Foreign Matter | <b>Yes</b><br>Internal Standard Normalization |
|--------------------------------|-------------------------|-------------------------------------|---------------------------------------|-------------------------------------|---|

### Cannabinoids by HPLC-PDA 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  | 10.7         | 107           |
| 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  | 9.93         | 99.3          |
| 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  | 0.972        | 9.72          |
| CBNA                | 0.006   | 0.0181  | ND           | ND            |
| CBT                 | 0.018   | 0.054   | ND           | ND            |
| Δ4,8-iso-THC        | 0.0067  | 0.02    | ND           | ND            |
| Δ6a,10a-THC         | 0.0067  | 0.02    | 2.84         | 28.4          |
| Δ8-iso-THC          | 0.0067  | 0.02    | ND           | ND            |
| Δ8-THC              | 0.0104  | 0.0312  | 28.3         | 283           |
| Δ8-THCV             | 0.0067  | 0.02    | ND           | ND            |
| Δ9-THC              | 0.0076  | 0.0227  | 0.171        | 1.71          |
| Δ9-THCA             | 0.0084  | 0.0251  | ND           | ND            |
| Δ9-THCV             | 0.0069  | 0.0206  | ND           | ND            |
| Δ9-THCVA            | 0.0062  | 0.0186  | ND           | ND            |
| (6aR,9R)-Δ10-THC    | 0.0067  | 0.02    | 8.68         | 86.8          |
| (6aR,9S)-Δ10-THC    | 0.0067  | 0.02    | 1.43         | 14.3          |
| exo-THC             | 0.0067  | 0.02    | ND           | ND            |
| (6aR,9R,10aR)-HHC   | 0.0067  | 0.02    | 16.9         | 169           |
| (6aR,9S,10aR)-HHC   | 0.0067  | 0.02    | 14.0         | 140           |
| <b>Total Δ9-THC</b> |         |         | <b>0.171</b> | <b>1.71</b>   |
| <b>Total</b>        |         |         | <b>94.0</b>  | <b>940</b>    |




 Generated By: Ryan Bellone  
 CCO

Date: 12/19/2023



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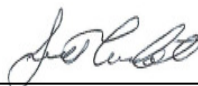
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USA

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;



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CCO  
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Tested By: Scott Caudill  
Laboratory Manager  
Date: 10/24/2023



ISO/IEC 17025:2017 Accredited  
Accreditation #108651



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## 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           |

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 Tested By: Chris Farman  
 Scientist

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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           |
| 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           | Paclobotrazol      | 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           |
| Fonicamid            | 30        | 100       | ND           | Trifloxystrobin    | 30        | 100       | ND           |
| Fludioxonil          | 30        | 100       | ND           |                    |           |           |              |

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 Generated By: Ryan Bellone  
 CCO  
 Date: 12/19/2023



 Tested By: Jasper van Heemst  
 Principal Scientist  
 Date: 11/29/2023


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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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## 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: 12/19/2023



 Tested By: Mario Aguirre  
 Lab Technician  
 Date: 11/24/2023


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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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 CCO  
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 Tested By: Kelsey Rogers  
 Scientist  
 Date: 11/28/2023
