

## Imperial 1G THCP Orange Dreamsicle

Sample ID: SA-250709-64968  
 Batch: ITHCPOD  
 Type: Finished Product - Inhalable  
 Matrix: Concentrate - Vape  
 Unit Mass (g):

Received: 07/10/2025  
 Completed: 09/18/2025



### Summary

| Test              | Date Tested | Status |
|-------------------|-------------|--------|
| Cannabinoids      | 07/15/2025  | Tested |
| Heavy Metals      | 09/15/2025  | Tested |
| Microbials        | 09/18/2025  | Tested |
| Mycotoxins        | 09/16/2025  | Tested |
| Pesticides        | 09/16/2025  | Tested |
| Residual Solvents | 09/10/2025  | Tested |

|                           |                                    |                                     |                                       |                                     |                                               |
|---------------------------|------------------------------------|-------------------------------------|---------------------------------------|-------------------------------------|-----------------------------------------------|
| <b>ND</b><br>Total Δ9-THC | <b>59.7 %</b><br>(6aR,9R,10aR)-HHC | <b>86.5 %</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 GC-MS/MS

| Analyte             | LOD (%) | LOQ (%) | Result (%)  | Result (mg/g) |
|---------------------|---------|---------|-------------|---------------|
| CBC                 | 0.0095  | 0.0284  | ND          | ND            |
| CBD                 | 0.0081  | 0.0242  | ND          | ND            |
| CBDP                | 0.0067  | 0.02    | ND          | ND            |
| CBDV                | 0.0061  | 0.0182  | ND          | ND            |
| CBG                 | 0.0057  | 0.0172  | ND          | ND            |
| CBN                 | 0.0056  | 0.0169  | 0.531       | 5.31          |
| CBNP                | 0.0067  | 0.02    | 0.104       | 1.04          |
| CBT                 | 0.018   | 0.054   | ND          | ND            |
| Δ4,8-iso-THC        | 0.0067  | 0.02    | 0.347       | 3.47          |
| Δ8-iso-THC          | 0.0067  | 0.02    | 0.295       | 2.95          |
| Δ8-THC              | 0.0104  | 0.0312  | 5.38        | 53.8          |
| Δ8-THCP             | 0.0067  | 0.02    | 0.348       | 3.48          |
| Δ8-THCV             | 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    | 12.3        | 123           |
| Δ9-THCV             | 0.0069  | 0.0206  | ND          | ND            |
| exo-THC             | 0.0067  | 0.02    | ND          | ND            |
| (6aR,9R,10aR)-HHC   | 0.0067  | 0.02    | 59.7        | 597           |
| (6aR,9S,10aR)-HHC   | 0.0067  | 0.02    | 7.49        | 74.9          |
| <b>Total Δ9-THC</b> |         |         | <b>ND</b>   | <b>ND</b>     |
| <b>Total</b>        |         |         | <b>86.5</b> | <b>865</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: Alex Morris  
 Quality Manager  
 Date: 09/19/2025



Tested By: Scott Caudill  
 Laboratory Manager  
 Date: 07/15/2025



ISO/IEC 17025:2017 Accredited  
 Accreditation #108651





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<https://kcalabs.com>  
KDA Lic.# P\_0058

## Certificate of Analysis

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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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Generated By: Alex Morris  
Quality Manager  
Date: 09/19/2025

Tested By: Chris Farman  
Scientist  
Date: 09/15/2025



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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## Pesticides by LC-MS/MS and GC-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           |
| Clofentezine         | 30        | 100       | ND           | Paclobutrazol      | 30        | 100       | ND           |
| Coumaphos            | 30        | 100       | ND           | Permethrin         | 30        | 100       | ND           |
| Daminozide           | 30        | 100       | ND           | Phosmet            | 30        | 100       | ND           |
| Diazinon             | 30        | 100       | ND           | Piperonyl Butoxide | 30        | 100       | ND           |
| Dichlorvos           | 30        | 100       | ND           | Prallethrin        | 30        | 100       | ND           |
| Dimethoate           | 30        | 100       | ND           | Propiconazole      | 30        | 100       | ND           |
| Dimethomorph         | 30        | 100       | ND           | Propoxur           | 30        | 100       | ND           |
| Ethoprophos          | 30        | 100       | ND           | Pyrethrins         | 30        | 100       | ND           |
| Etofenprox           | 30        | 100       | ND           | Pyridaben          | 30        | 100       | ND           |
| Etoxazole            | 30        | 100       | ND           | Spinetoram         | 30        | 100       | ND           |
| Fenhexamid           | 30        | 100       | ND           | Spinosad           | 30        | 100       | ND           |
| Fenoxycarb           | 30        | 100       | ND           | Spiromesifen       | 30        | 100       | ND           |
| Fenpyroximate        | 30        | 100       | ND           | Spirotetramat      | 30        | 100       | ND           |
| Fipronil             | 30        | 100       | ND           | Spiroxamine        | 30        | 100       | ND           |
| Flonicamid           | 30        | 100       | ND           | Tebuconazole       | 30        | 100       | ND           |
| Fludioxonil          | 30        | 100       | ND           | Thiacloprid        | 30        | 100       | ND           |
|                      |           |           |              | Thiamethoxam       | 30        | 100       | ND           |
|                      |           |           |              | Trifloxystrobin    | 30        | 100       | ND           |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates



 Generated By: Alex Morris  
 Quality Manager  
 Date: 09/19/2025



 Tested By: Scott Caudill  
 Laboratory Manager  
 Date: 09/16/2025


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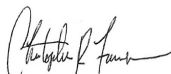
## Mycotoxins by LC-MS/MS

| 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           |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates



 Generated By: Alex Morris  
 Quality Manager  
 Date: 09/19/2025



 Tested By: Chris Farman  
 Scientist  
 Date: 09/16/2025


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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 |
| Total yeast and mold count (TYMC)    | 10          | 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: Alex Morris  
 Quality Manager  
 Date: 09/19/2025



 Tested By: Sara Cook  
 Laboratory Technician  
 Date: 09/18/2025


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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: Alex Morris  
 Quality Manager  
 Date: 09/19/2025



 Tested By: Kelsey Rogers  
 Scientist  
 Date: 09/10/2025


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## Reporting Limit Appendix

### Heavy Metals - KY 902 KAR 45:190

| Analyte | Limit (ppm) | Analyte | Limit (ppm) |
|---------|-------------|---------|-------------|
| Arsenic | 1.5         | Lead    | 0.5         |
| Cadmium | 0.5         | Mercury | 1.5         |

### Microbials -

| Analyte                           | Limit (CFU/g) | Analyte             | Limit (CFU/g) |
|-----------------------------------|---------------|---------------------|---------------|
| Total coliforms                   | 100           | Total aerobic count | 10000         |
| Total yeast and mold count (TYMC) | 1000          |                     |               |

### Residual Solvents - USP 467

| Analyte               | Limit (ppm) | Analyte                  | Limit (ppm) |
|-----------------------|-------------|--------------------------|-------------|
| Acetone               | 5000        | Ethylene Oxide           | 1           |
| Acetonitrile          | 410         | Heptane                  | 5000        |
| Benzene               | 2           | n-Hexane                 | 290         |
| Butane                | 5000        | Isobutane                | 5000        |
| 1-Butanol             | 5000        | Isopropyl Acetate        | 5000        |
| 2-Butanol             | 5000        | Isopropyl Alcohol        | 5000        |
| 2-Butanone            | 5000        | Isopropylbenzene         | 5000        |
| Chloroform            | 60          | Methanol                 | 3000        |
| Cyclohexane           | 3880        | 2-Methylbutane           | 290         |
| 1,2-Dichloroethane    | 5           | Methylene Chloride       | 600         |
| 1,2-Dimethoxyethane   | 100         | 2-Methylpentane          | 290         |
| Dimethyl Sulfoxide    | 5000        | 3-Methylpentane          | 290         |
| N,N-Dimethylacetamide | 1090        | n-Pentane                | 5000        |
| 2,2-Dimethylbutane    | 290         | 1-Pentanol               | 5000        |
| 2,3-Dimethylbutane    | 290         | n-Propane                | 5000        |
| N,N-Dimethylformamide | 880         | 1-Propanol               | 5000        |
| 2,2-Dimethylpropane   | 5000        | Pyridine                 | 200         |
| 1,4-Dioxane           | 380         | Tetrahydrofuran          | 720         |
| Ethanol               | 5000        | Toluene                  | 890         |
| 2-Ethoxyethanol       | 160         | Trichloroethylene        | 80          |
| Ethyl Acetate         | 5000        | Xylenes (o-, m-, and p-) | 2170        |
| Ethyl Ether           | 5000        |                          |             |
| Ethylbenzene          | 70          |                          |             |

### Pesticides - CA DCC

| Analyte              | Limit (ppb) | Analyte            | Limit (ppb) |
|----------------------|-------------|--------------------|-------------|
| Abamectin            | 300         | Hexythiazox        | 2000        |
| Acephate             | 5000        | Imazalil           | 30          |
| Acetamiprid          | 5000        | Imidacloprid       | 3000        |
| Aldicarb             | 30          | Kresoxim methyl    | 1000        |
| Azoxystrobin         | 40000       | Malathion          | 5000        |
| Bifenazate           | 5000        | Metaxyl            | 15000       |
| Bifenthrin           | 500         | Methiocarb         | 30          |
| Boscalid             | 10000       | Methomyl           | 100         |
| Carbaryl             | 500         | Mevinphos          | 30          |
| Carbofuran           | 30          | Myclobutanil       | 9000        |
| Chloranthraniliprole | 40000       | Naled              | 500         |
| Chlorfenapyr         | 30          | Oxamyl             | 200         |
| Clofentezine         | 500         | Paclobutrazol      | 30          |
| Coumaphos            | 30          | Permethrin         | 20000       |
| Daminozide           | 30          | Phosmet            | 200         |
| Diazinon             | 200         | Piperonyl Butoxide | 8000        |
| Dichlorvos           | 30          | Prallethrin        | 400         |
| Dimethoate           | 30          | Propiconazole      | 20000       |
| Dimethomorph         | 20000       | Propoxur           | 30          |
| Ethoprophos          | 30          | Pyrethrins         | 1000        |
| Etofenprox           | 30          | Pyridaben          | 3000        |
| Etoxazole            | 1500        | Spinetoram         | 3000        |
| Fenhexamid           | 10000       | Spinosad           | 3000        |
| Fenoxycarb           | 30          | Spiromesifen       | 12000       |
| Fenpyroximate        | 2000        | Spirotetramat      | 13000       |
| Fipronil             | 30          | Spiroxamine        | 30          |
| Fonicamid            | 2000        | Tebuconazole       | 2000        |
| Fludioxonil          | 30000       | Thiacloprid        | 30          |

### Mycotoxins - Colorado CDPHE

| Analyte      | Limit (ppb) | Analyte | Limit (ppb) |
|--------------|-------------|---------|-------------|
| B1           | 5           | B2      | 5           |
| G1           | 5           | G2      | 5           |
| Ochratoxin A | 5           |         |             |

