

## Wrecked Gummy

Sample ID: SA-230113-15714  
 Batch: HC8-WRKG-0223  
 Type: Finished Products  
 Matrix: Edible - Gummy  
 Unit Mass (g): 3.49931

Received: 01/17/2023  
 Completed: 01/24/2023

**Client**

Highly Concentrated  
 1919 Northgate Blvd  
 Sarasota, FL 34234  
 USA  
 Lic. #: 2021-N-1909467



## Summary

| Test              | Date Tested | Status |
|-------------------|-------------|--------|
| Cannabinoids      | 01/23/2023  | Tested |
| Foreign Matter    | 01/17/2023  | Tested |
| Heavy Metals      | 01/23/2023  | Passed |
| Microbials        | 01/20/2023  | Passed |
| Mycotoxins        | 01/19/2023  | Passed |
| Pesticides        | 01/19/2023  | Passed |
| Residual Solvents | 01/24/2023  | Passed |

|                                 |                          |                                     |                                       |                                       |                                               |
|---------------------------------|--------------------------|-------------------------------------|---------------------------------------|---------------------------------------|-----------------------------------------------|
| <b>0.0517 %</b><br>Total Δ9-THC | <b>0.724 %</b><br>Δ8-THC | <b>1.65 %</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/unit) |
|---------------------|---------|---------|---------------|------------------|
| CBC                 | 0.00095 | 0.00284 | ND            | ND               |
| CBCA                | 0.00181 | 0.00543 | ND            | ND               |
| CBCV                | 0.0006  | 0.0018  | ND            | ND               |
| CBD                 | 0.00081 | 0.00242 | ND            | ND               |
| CBDA                | 0.00043 | 0.0013  | ND            | ND               |
| CBDV                | 0.00061 | 0.00182 | ND            | ND               |
| CBDVA               | 0.00021 | 0.00063 | ND            | ND               |
| CBG                 | 0.00057 | 0.00172 | ND            | ND               |
| CBGA                | 0.00049 | 0.00147 | ND            | ND               |
| CBL                 | 0.00112 | 0.00335 | ND            | ND               |
| CBLA                | 0.00124 | 0.00371 | ND            | ND               |
| CBN                 | 0.00056 | 0.00169 | ND            | ND               |
| CBNA                | 0.0006  | 0.00181 | ND            | ND               |
| CBT                 | 0.0018  | 0.0054  | ND            | ND               |
| Δ8-THC              | 0.00104 | 0.00312 | 0.724         | 25.3             |
| Δ8-THCP             | 0.0067  | 0.02    | ND            | ND               |
| Δ8-THCV             | 0.0067  | 0.02    | ND            | ND               |
| Δ9-THC              | 0.00076 | 0.00227 | 0.0517        | 1.81             |
| Δ9-THCA             | 0.00084 | 0.00251 | ND            | ND               |
| Δ9-THCP             | 0.0067  | 0.02    | 0.0551        | 1.93             |
| Δ9-THCV             | 0.00069 | 0.00206 | ND            | ND               |
| Δ9-THCVA            | 0.00062 | 0.00186 | ND            | ND               |
| (6aR,9R,10aR)-HHC   | 0.0067  | 0.02    | 0.460         | 16.1             |
| (6aR,9S,10aR)-HHC   | 0.0067  | 0.02    | 0.303         | 10.6             |
| 9R-HHCP             | 0.0067  | 0.02    | 0.0545        | 1.91             |
| 9S-HHCP             | 0.0067  | 0.02    | ND            | ND               |
| <b>Total Δ9-THC</b> |         |         | <b>0.0517</b> | <b>1.81</b>      |
| <b>Total CBD</b>    |         |         | <b>ND</b>     | <b>ND</b>        |
| <b>Total</b>        |         |         | <b>1.65</b>   | <b>57.7</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



DA \* 0



Generated By: Ryan Bellone  
 CCO

Date: 01/24/2023

Tested By: Nicholas Howard  
 Scientist

Date: 01/23/2023

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.

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Received: 01/17/2023  
Completed: 01/24/2023

**Client**  
Highly Concentr8ed  
1919 Northgate Blvd  
Sarasota, FL 34234  
USA  
Lic. #: 2021-N-1909467



Generated By: Ryan Bellone  
CCO

Date: 01/24/2023

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## Heavy Metals by ICP-MS

| Analyte | LOD (ppb) | LOQ (ppb) | Result (ppb) | P/F |
|---------|-----------|-----------|--------------|-----|
| Arsenic | 2         | 20        | ND           | P   |
| Cadmium | 1         | 20        | ND           | P   |
| Lead    | 2         | 20        | ND           | P   |
| Mercury | 12        | 50        | ND           | P   |

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



Generated By: Ryan Bellone  
 CCO

Date: 01/24/2023



Tested By: Kelsey Rogers  
 Scientist

Date: 01/23/2023



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## Pesticides by LC-MS/MS and GC-MS/MS

| Analyte              | LOD (ppb) | LOQ (ppb) | Result (ppb) | P/F | Analyte            | LOD (ppb) | LOQ (ppb) | Result (ppb) | P/F |
|----------------------|-----------|-----------|--------------|-----|--------------------|-----------|-----------|--------------|-----|
| Acephate             | 30        | 100       | ND           | P   | Hexythiazox        | 30        | 100       | ND           | P   |
| Acetamiprid          | 30        | 100       | ND           | P   | Imazalil           | 30        | 100       | ND           | P   |
| Aldicarb             | 30        | 100       | ND           | P   | Imidacloprid       | 30        | 100       | ND           | P   |
| Azoxystrobin         | 30        | 100       | ND           | P   | Kresoxim methyl    | 30        | 100       | ND           | P   |
| Bifenazate           | 30        | 100       | ND           | P   | Malathion          | 30        | 100       | ND           | P   |
| Bifenthrin           | 30        | 100       | ND           | P   | Metaxyl            | 30        | 100       | ND           | P   |
| Boscalid             | 30        | 100       | ND           | P   | Methiocarb         | 30        | 100       | ND           | P   |
| Carbaryl             | 30        | 100       | ND           | P   | Methomyl           | 30        | 100       | ND           | P   |
| Carbofuran           | 30        | 100       | ND           | P   | Mevinphos          | 30        | 100       | ND           | P   |
| Chloranthraniliprole | 30        | 100       | ND           | P   | Myclobutanil       | 30        | 100       | ND           | P   |
| Chlorfenapyr         | 30        | 100       | ND           | P   | Naled              | 30        | 100       | ND           | P   |
| Chlorpyrifos         | 30        | 100       | ND           | P   | Oxamyl             | 30        | 100       | ND           | P   |
| Clofentezine         | 30        | 100       | ND           | P   | Paclobutrazol      | 30        | 100       | ND           | P   |
| Coumaphos            | 30        | 100       | ND           | P   | Permethrin         | 30        | 100       | ND           | P   |
| Daminozide           | 30        | 100       | ND           | P   | Phosmet            | 30        | 100       | ND           | P   |
| Diazinon             | 30        | 100       | ND           | P   | Piperonyl Butoxide | 30        | 100       | ND           | P   |
| Dichlorvos           | 30        | 100       | ND           | P   | Prallethrin        | 30        | 100       | ND           | P   |
| Dimethoate           | 30        | 100       | ND           | P   | Propiconazole      | 30        | 100       | ND           | P   |
| Dimethomorph         | 30        | 100       | ND           | P   | Propoxur           | 30        | 100       | ND           | P   |
| Ethoprophos          | 30        | 100       | ND           | P   | Pyrethrins         | 30        | 100       | ND           | P   |
| Etofenprox           | 30        | 100       | ND           | P   | Pyridaben          | 30        | 100       | ND           | P   |
| Etazoxole            | 30        | 100       | ND           | P   | Spinetoram         | 30        | 100       | ND           | P   |
| Fenhexamid           | 30        | 100       | ND           | P   | Spinosad           | 30        | 100       | ND           | P   |
| Fenoxycarb           | 30        | 100       | ND           | P   | Spiromesifen       | 30        | 100       | ND           | P   |
| Fenpyroximate        | 30        | 100       | ND           | P   | Spirotetramat      | 30        | 100       | ND           | P   |
| Fipronil             | 30        | 100       | ND           | P   | Spiroxamine        | 30        | 100       | ND           | P   |
| Flonicamid           | 30        | 100       | ND           | P   | Tebuconazole       | 30        | 100       | ND           | P   |
| Fludioxonil          | 30        | 100       | ND           | P   | Thiacloprid        | 30        | 100       | ND           | P   |
|                      |           |           |              |     | Thiamethoxam       | 30        | 100       | ND           | P   |
|                      |           |           |              |     | Trifloxystrobin    | 30        | 100       | ND           | P   |

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



Generated By: Ryan Bellone  
 CCO  
 Date: 01/24/2023



Tested By: Jared Burkhart  
 Technical Manager  
 Date: 01/19/2023



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## Mycotoxins by LC-MS/MS

| Analyte | LOD (ppb) | LOQ (ppb) | Result (ppb) | P/F |
|---------|-----------|-----------|--------------|-----|
| B1      | 1         | 5         | ND           | P   |
| B2      | 1         | 5         | ND           | P   |
| G1      | 1         | 5         | ND           | P   |
| G2      | 1         | 5         | ND           | P   |

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



Generated By: Ryan Bellone  
 CCO  
 Date: 01/24/2023



Tested By: Jared Burkhart  
 Technical Manager  
 Date: 01/19/2023



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## Microbials by PCR and Plating

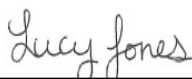
| Analyte                              | LOD (CFU/g) | Result (CFU/g) | P/F |
|--------------------------------------|-------------|----------------|-----|
| Total aerobic count                  | 1           | ND             | P   |
| Total coliforms                      | 1           | ND             | P   |
| Generic E. coli                      | 1           | ND             | P   |
| Salmonella spp.                      | 1           | ND             | P   |
| Shiga-toxin producing E. coli (STEC) | 1           | ND             | P   |

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: 01/24/2023



Tested By: Lucy Jones  
 Scientist

Date: 01/20/2023



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## Residual Solvents by HS-GC-MS/MS

| Analyte               | LOD (ppm) | LOQ (ppm) | Result (ppm) | P/F | Analyte                  | LOD (ppm) | LOQ (ppm) | Result (ppm) | P/F |
|-----------------------|-----------|-----------|--------------|-----|--------------------------|-----------|-----------|--------------|-----|
| Acetone               | 167       | 500       | ND           | P   | Ethylene Glycol          | 21        | 62        | ND           | P   |
| Acetonitrile          | 14        | 41        | ND           | P   | Ethylene Oxide           | 0.5       | 1         | ND           | P   |
| Benzene               | 0.5       | 1         | ND           | P   | Heptane                  | 167       | 500       | ND           | P   |
| Butane                | 167       | 500       | ND           | P   | n-Hexane                 | 10        | 29        | ND           | P   |
| 1-Butanol             | 167       | 500       | ND           | P   | Isobutane                | 167       | 500       | ND           | P   |
| 2-Butanol             | 167       | 500       | ND           | P   | Isopropyl Acetate        | 167       | 500       | ND           | P   |
| 2-Butanone            | 167       | 500       | ND           | P   | Isopropyl Alcohol        | 167       | 500       | ND           | P   |
| Chloroform            | 2         | 6         | ND           | P   | Isopropylbenzene         | 167       | 500       | ND           | P   |
| Cyclohexane           | 129       | 388       | ND           | P   | Methanol                 | 100       | 300       | ND           | P   |
| 1,2-Dichloroethane    | 0.5       | 1         | ND           | P   | 2-Methylbutane           | 10        | 29        | ND           | P   |
| 1,2-Dimethoxyethane   | 4         | 10        | ND           | P   | Methylene Chloride       | 20        | 60        | ND           | P   |
| Dimethyl Sulfoxide    | 167       | 500       | ND           | P   | 2-Methylpentane          | 10        | 29        | ND           | P   |
| N,N-Dimethylacetamide | 37        | 109       | ND           | P   | 3-Methylpentane          | 10        | 29        | ND           | P   |
| 2,2-Dimethylbutane    | 10        | 29        | ND           | P   | n-Pentane                | 167       | 500       | ND           | P   |
| 2,3-Dimethylbutane    | 10        | 29        | ND           | P   | 1-Pentanol               | 167       | 500       | ND           | P   |
| N,N-Dimethylformamide | 30        | 88        | ND           | P   | n-Propane                | 167       | 500       | ND           | P   |
| 2,2-Dimethylpropane   | 167       | 500       | ND           | P   | 1-Propanol               | 167       | 500       | ND           | P   |
| 1,4-Dioxane           | 13        | 38        | ND           | P   | Pyridine                 | 7         | 20        | ND           | P   |
| Ethanol               | 167       | 500       | ND           | P   | Tetrahydrofuran          | 24        | 72        | ND           | P   |
| 2-Ethoxyethanol       | 6         | 16        | ND           | P   | Toluene                  | 30        | 89        | ND           | P   |
| Ethyl Acetate         | 167       | 500       | ND           | P   | Trichloroethylene        | 3         | 8         | ND           | P   |
| Ethyl Ether           | 167       | 500       | ND           | P   | Tetramethylene Sulfone   | 6         | 16        | ND           | P   |
| Ethylbenzene          | 3         | 7         | ND           | P   | Xylenes (o-, m-, and p-) | 73        | 217       | ND           | P   |

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Generated By: Ryan Bellone  
 CCO  
 Date: 01/24/2023



Tested By: Scott Caudill  
 Senior Scientist  
 Date: 01/24/2023



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## Reporting Limit Appendix

### Heavy Metals - Colorado CDPHE

| Analyte | Limit (ppb) | Analyte | Limit (ppb) |
|---------|-------------|---------|-------------|
| Arsenic | 1500        | Lead    | 500         |
| Cadmium | 500         | Mercury | 1500        |

### Microbials -

| Analyte         | Limit (CFU/g) | Analyte             | Limit (CFU/g) |
|-----------------|---------------|---------------------|---------------|
| Total coliforms | 100           | Total aerobic count | 100000        |

### Residual Solvents - USP 467

| Analyte               | Limit (ppm) | Analyte                  | Limit (ppm) |
|-----------------------|-------------|--------------------------|-------------|
| Acetone               | 5000        | Ethylene Glycol          | 620         |
| Acetonitrile          | 410         | Ethylene Oxide           | 1           |
| Benzene               | 2           | Heptane                  | 5000        |
| Butane                | 5000        | n-Hexane                 | 290         |
| 1-Butanol             | 5000        | Isobutane                | 5000        |
| 2-Butanol             | 5000        | Isopropyl Acetate        | 5000        |
| 2-Butanone            | 5000        | Isopropyl Alcohol        | 5000        |
| Chloroform            | 60          | Isopropylbenzene         | 5000        |
| Cyclohexane           | 3880        | Methanol                 | 3000        |
| 1,2-Dichloroethane    | 5           | 2-Methylbutane           | 290         |
| 1,2-Dimethoxyethane   | 100         | Methylene Chloride       | 600         |
| Dimethyl Sulfoxide    | 5000        | 2-Methylpentane          | 290         |
| N,N-Dimethylacetamide | 1090        | 3-Methylpentane          | 290         |
| 2,2-Dimethylbutane    | 290         | n-Pentane                | 5000        |
| 2,3-Dimethylbutane    | 290         | 1-Pentanol               | 5000        |
| N,N-Dimethylformamide | 880         | n-Propane                | 5000        |
| 2,2-Dimethylpropane   | 5000        | 1-Propanol               | 5000        |
| 1,4-Dioxane           | 380         | Pyridine                 | 200         |
| Ethanol               | 5000        | Tetrahydrofuran          | 720         |
| 2-Ethoxyethanol       | 160         | Toluene                  | 890         |
| Ethyl Acetate         | 5000        | Trichloroethylene        | 80          |
| Ethyl Ether           | 5000        | Tetramethylene Sulfone   | 160         |
| Ethylbenzene          | 70          | Xylenes (o-, m-, and p-) | 2170        |

### Pesticides - CA DCC

| Analyte              | Limit (ppb) | Analyte            | Limit (ppb) |
|----------------------|-------------|--------------------|-------------|
| Aldicarb             | 30          | Imidacloprid       | 3000        |
| Azoxystrobin         | 40000       | Kresoxim methyl    | 1000        |
| Bifenazate           | 5000        | Malathion          | 5000        |
| Bifenthrin           | 500         | Metalaxyl          | 15000       |
| Boscalid             | 10000       | Methiocarb         | 30          |
| Carbaryl             | 500         | Methomyl           | 100         |
| Carbofuran           | 30          | Mevinphos          | 30          |
| Chloranthraniliprole | 40000       | Myclobutanil       | 9000        |
| Chlorfenapyr         | 30          | Naled              | 500         |
| Chlorpyrifos         | 30          | Oxamyl             | 200         |
| Clofentezine         | 500         | Pacllobutrazol     | 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 (ppm) | Analyte | Limit (ppm) |
|---------|-------------|---------|-------------|
| B1      | 5           | B2      | 5           |
| G1      | 5           | G2      | 5           |

### Pesticides - CA DCC

| Analyte     | Limit (ppb) | Analyte     | Limit (ppb) |
|-------------|-------------|-------------|-------------|
| Acephate    | 5000        | Hexythiazox | 2000        |
| Acetamiprid | 5000        | Imazalil    | 30          |

