

Delta 8 THC Gummies

Sample ID: SA-250610-63332
 Batch: HC8D8MTG0625
 Type: Finished Product - Ingestible
 Matrix: Edible - Gummy
 Unit Mass (g): 3.25089

Received: 06/13/2025
 Completed: 07/02/2025

Client
 Highly Concentrated
 2144 Gulf Gate Dr.
 Sarasota, FL 34231
 USA
 Lic. #: 405998



Summary

| Test | Date Tested | Status |
|-------------------|-------------|--------|
| Cannabinoids | 06/21/2025 | Tested |
| Foreign Matter | 06/13/2025 | Tested |
| Heavy Metals | 06/18/2025 | Passed |
| Microbials | 06/21/2025 | Passed |
| Mycotoxins | 06/17/2025 | Passed |
| Pesticides | 07/02/2025 | Passed |
| Residual Solvents | 06/17/2025 | Passed |

| | | | | | |
|----------------|---------------|--------------------|-------------------|---------------------|---------------------------------|
| 0.141 % | 1.31 % | 1.54 % | Not Tested | Not Detected | Yes |
| Total Δ9-THC | Δ8-THC | Total Cannabinoids | Moisture Content | Foreign Matter | Internal Standard Normalization |



Generated By: Ryan Bellone
 Commercial Director
 Date: 07/02/2025



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Cannabinoids by HPLC-PDA and 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 | <LOQ | <LOQ |
| CBNA | 0.0006 | 0.00181 | ND | ND |
| CBT | 0.0018 | 0.0054 | ND | ND |
| Δ4,8-iso-THC | 0.0067 | 0.02 | 0.0875 | 2.84 |
| Δ8-iso-THC | 0.0067 | 0.02 | <LOQ | <LOQ |
| Δ8-THC | 0.00104 | 0.00312 | 1.31 | 42.6 |
| Δ8-THC acetate | 0.0067 | 0.02 | ND | ND |
| Δ8-THCP | 0.0067 | 0.02 | ND | ND |
| Δ8-THCV | 0.0067 | 0.02 | ND | ND |
| Δ9-THC | 0.00076 | 0.00227 | 0.141 | 4.60 |
| Δ9-THC acetate | 0.0067 | 0.02 | ND | ND |
| Δ9-THCA | 0.00084 | 0.00251 | ND | ND |
| Δ9-THCP | 0.0067 | 0.02 | ND | ND |
| Δ9-THCV | 0.00069 | 0.00206 | ND | ND |
| Δ9-THCVA | 0.00062 | 0.00186 | ND | ND |
| exo-THC | 0.0067 | 0.02 | ND | ND |
| (6aR,9R,10aR)-HHC | 0.0067 | 0.02 | ND | ND |
| (6aR,9S,10aR)-HHC | 0.0067 | 0.02 | ND | ND |
| Total Δ9-THC | | | 0.141 | 4.60 |
| Total | | | 1.54 | 50.0 |

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
 Commercial Director
 Date: 07/02/2025



Tested By: Scott Caudill
 Laboratory Manager
 Date: 06/21/2025



ISO/IEC 17025:2017 Accredited
 Accreditation #108651



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Heavy Metals by ICP-MS

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

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Generated By: Ryan Bellone
 Commercial Director
 Date: 07/02/2025



Tested By: Chris Farman
 Scientist
 Date: 06/18/2025



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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 |
|----------------------|-----------|-----------|--------------|-----|-------------------------|-----------|-----------|--------------|-----|
| Abamectin | 30 | 100 | ND | P | Hexythiazox | 30 | 100 | ND | P |
| Acephate | 30 | 100 | ND | P | Imazalil | 30 | 100 | ND | P |
| Acequinocyl | 30 | 100 | ND | P | Imidacloprid | 30 | 100 | ND | P |
| Acetamiprid | 30 | 100 | ND | P | Kresoxim methyl | 30 | 100 | ND | P |
| Aldicarb | 30 | 100 | ND | P | Malathion | 30 | 100 | ND | P |
| Azoxystrobin | 30 | 100 | ND | P | Metaxyl | 30 | 100 | ND | P |
| Bifenazate | 30 | 100 | ND | P | Methiocarb | 30 | 100 | ND | P |
| Bifenthrin | 30 | 100 | ND | P | Methomyl | 30 | 100 | ND | P |
| Boscalid | 30 | 100 | ND | P | Mevinphos | 30 | 100 | ND | P |
| Captan | 700 | 2000 | ND | P | Myclobutanil | 30 | 100 | ND | P |
| Carbaryl | 30 | 100 | ND | P | Naled | 30 | 100 | ND | P |
| Carbofuran | 30 | 100 | ND | P | Oxamyl | 30 | 100 | ND | P |
| Chloranthraniliprole | 30 | 100 | ND | P | Paclobutrazol | 30 | 100 | ND | P |
| Chlordane | 30 | 100 | ND | P | Parathion methyl | 30 | 100 | ND | P |
| Chlorfenapyr | 30 | 100 | ND | P | Pentachloronitrobenzene | 30 | 100 | ND | P |
| Chlorpyrifos | 30 | 100 | ND | P | Permethrin | 30 | 100 | ND | P |
| Clofentezine | 30 | 100 | ND | P | Phosmet | 30 | 100 | ND | P |
| Coumaphos | 30 | 100 | ND | P | Piperonyl Butoxide | 30 | 100 | ND | P |
| Cyfluthrin | 30 | 100 | ND | P | Prallethrin | 30 | 100 | ND | P |
| Cypermethrin | 30 | 100 | ND | P | Propiconazole | 30 | 100 | ND | P |
| Daminozide | 30 | 100 | ND | P | Propoxur | 30 | 100 | ND | P |
| Diazinon | 30 | 100 | ND | P | Pyrethrins | 30 | 100 | ND | P |
| Dichlorvos | 30 | 100 | ND | P | Pyridaben | 30 | 100 | ND | P |
| Dimethoate | 30 | 100 | ND | P | Spinetoram | 30 | 100 | ND | P |
| Dimethomorph | 30 | 100 | ND | P | Spinosad | 30 | 100 | ND | P |
| Ethoprophos | 30 | 100 | ND | P | Spiromesifen | 30 | 100 | ND | P |
| Etofenprox | 30 | 100 | ND | P | Spirotetramat | 30 | 100 | ND | P |
| Etoxazole | 30 | 100 | ND | P | Spiroxamine | 30 | 100 | ND | P |
| Fenhexamid | 30 | 100 | ND | P | Tebuconazole | 30 | 100 | ND | P |
| Fenoxycarb | 30 | 100 | ND | P | Thiacloprid | 30 | 100 | ND | P |
| Fenpyroximate | 30 | 100 | ND | P | Thiamethoxam | 30 | 100 | ND | P |
| Fipronil | 30 | 100 | ND | P | Trifloxystrobin | 30 | 100 | ND | P |
| Flonicamid | 30 | 100 | ND | P | | | | | |
| Fludioxonil | 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; Values over action limits may be estimates



Generated By: Ryan Bellone
 Commercial Director
 Date: 07/02/2025



Tested By: Anthony Mattingly
 Scientist
 Date: 07/02/2025



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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 |
| Ochratoxin A | 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; Values over action limits may be estimates



Generated By: Ryan Bellone
 Commercial Director
 Date: 07/02/2025



Tested By: Anthony Mattingly
 Scientist
 Date: 06/17/2025



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Microbials by PCR and Plating

| Analyte | LOD (CFU/g) | Result (CFU/g) | Result (Qualitative) | P/F |
|--------------------------------------|-------------|----------------|-------------------------|-----|
| Total aerobic count | 10 | ND | | P |
| Aspergillus flavus | 1 | | Not Detected per 1 gram | P |
| Aspergillus fumigatus | 1 | | Not Detected per 1 gram | P |
| Aspergillus niger | 1 | | Not Detected per 1 gram | P |
| Aspergillus terreus | 1 | | Not Detected per 1 gram | P |
| Bile-tolerant gram-negative bacteria | 10 | ND | | P |
| Total coliforms | 10 | ND | | P |
| Generic E. coli | 10 | ND | | P |
| Salmonella spp. | 1 | | Not Detected per 1 gram | P |
| Shiga-toxin producing E. coli (STEC) | 1 | | Not Detected per 1 gram | P |
| Total yeast and mold count (TYMC) | 10 | 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
 Commercial Director
 Date: 07/02/2025



Tested By: Sara Cook
 Laboratory Technician
 Date: 06/21/2025



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

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Generated By: Ryan Bellone
 Commercial Director
 Date: 07/02/2025



Tested By: Kelsey Rogers
 Scientist
 Date: 06/17/2025



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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 |
| Bile-tolerant gram-negative bacteria | 1000 | | |
| 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 |
| Acequinocyl | 4000 | Imidacloprid | 3000 |
| Acetamiprid | 5000 | Kresoxim methyl | 1000 |
| Aldicarb | 30 | Malathion | 5000 |
| Azoxystrobin | 40000 | Metaxyl | 15000 |
| Bifenazate | 5000 | Methiocarb | 30 |
| Bifenthrin | 500 | Methomyl | 100 |
| Boscalid | 10000 | Mevinphos | 30 |
| Captan | 5000 | Myclobutanil | 9000 |
| Carbaryl | 500 | Naled | 500 |
| Carbofuran | 30 | Oxamyl | 200 |
| Chloranthraniliprole | 40000 | Paclobutrazol | 30 |
| Chlordane | 30 | Parathion methyl | 30 |
| Chlorfenapyr | 30 | Pentachloronitrobenzene | 200 |
| Chlorpyrifos | 30 | Permethrin | 20000 |
| Clofentezine | 500 | Phosmet | 200 |
| Coumaphos | 30 | Piperonyl Butoxide | 8000 |
| Cyfluthrin | 1000 | Prallethrin | 400 |
| Cypermethrin | 1000 | Propiconazole | 20000 |
| Daminozide | 30 | Propoxur | 30 |
| Diazinon | 200 | Pyrethrins | 1000 |
| Dichlorvos | 30 | Pyridaben | 3000 |
| Dimethoate | 30 | Spinetoram | 3000 |
| Dimethomorph | 20000 | Spinosad | 3000 |
| Ethoprophos | 30 | Spiromesifen | 12000 |
| Etofenprox | 30 | Spirotetramat | 13000 |
| Etoxazole | 1500 | Spiroxamine | 30 |
| Fenhexamid | 10000 | Tebuconazole | 2000 |
| Fenoxycarb | 30 | Thiacloprid | 30 |
| Fenpyroximate | 2000 | Thiamethoxam | 4500 |
| Fipronil | 30 | Trifloxystrobin | 30000 |
| Fonicamid | 2000 | | |
| Fludioxonil | 30000 | | |

Mycotoxins - Colorado CDPHE

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

