

## Amanita CBD

Sample ID: SA-250626-64152  
 Batch: AMEQ125/2981  
 Type: Finished Product - Ingestible  
 Matrix: Edible - Gummy  
 Unit Mass (g): 10.60434

Received: 07/01/2025  
 Completed: 07/14/2025

**Client**  
 Hometown Hero- TCF  
 9501-B Menchaca Rd #100  
 Austin, TX 78748  
 USA

## Summary

**Test**  
 Cannabinoids  
 Heavy Metals  
 Microbials  
 Mycotoxins  
 Pesticides  
 Residual Solvents

**Date Tested**  
 07/07/2025  
 07/10/2025  
 07/14/2025  
 07/11/2025  
 07/11/2025  
 07/11/2025

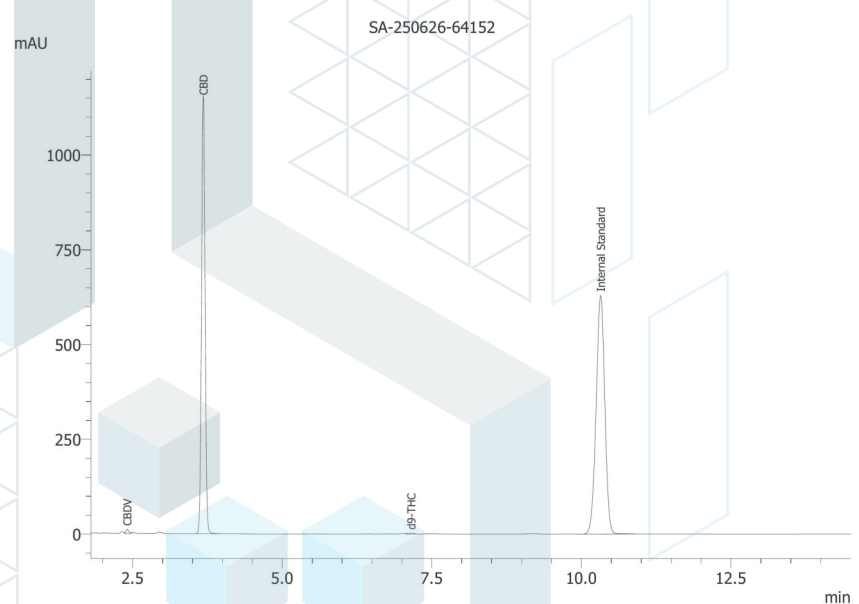
**Status**  
 Tested  
 Tested  
 Tested  
 Tested  
 Tested  
 Tested



|              |                |                    |                   |                   |                                 |
|--------------|----------------|--------------------|-------------------|-------------------|---------------------------------|
| <b>ND</b>    | <b>0.201 %</b> | <b>0.201 %</b>     | <b>Not Tested</b> | <b>Not Tested</b> | <b>Yes</b>                      |
| Total Δ9-THC | CBD            | Total Cannabinoids | Moisture Content  | Foreign Matter    | Internal Standard Normalization |

## Cannabinoids by HPLC-PDA

| 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 | 0.201        | 21.3             |
| 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 | ND           | ND               |
| Δ9-THC              | 0.00076 | 0.00227 | ND           | ND               |
| Δ9-THCA             | 0.00084 | 0.00251 | ND           | ND               |
| Δ9-THCV             | 0.00069 | 0.00206 | ND           | ND               |
| Δ9-THCVA            | 0.00062 | 0.00186 | ND           | ND               |
| <b>Total Δ9-THC</b> |         |         | <b>ND</b>    | <b>ND</b>        |
| <b>Total</b>        |         |         | <b>0.201</b> | <b>21.3</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;



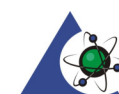
Generated By: Ryan Bellone  
 Commercial Director  
 Date: 07/14/2025



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



ISO/IEC 17025:2017 Accredited  
 Accreditation #108651



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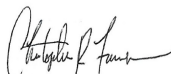
## Heavy Metals by ICP-MS

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

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Generated By: Ryan Bellone  
 Commercial Director  
 Date: 07/14/2025



Tested By: Chris Farman  
 Scientist  
 Date: 07/10/2025



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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           |
| 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           | Paclobutrazol      | 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           |
| Diazinon             | 30        | 100       | ND           | Prallethrin        | 30        | 100       | ND           |
| Dichlorvos           | 30        | 100       | ND           | Propiconazole      | 30        | 100       | ND           |
| Dimethoate           | 30        | 100       | ND           | Propoxur           | 30        | 100       | ND           |
| Dimethomorph         | 30        | 100       | ND           | Pyrethrins         | 30        | 100       | ND           |
| Ethoprophos          | 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           |

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Generated By: Ryan Bellone  
 Commercial Director  
 Date: 07/14/2025



Tested By: Anthony Mattingly  
 Scientist  
 Date: 07/11/2025



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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



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Tested By: Anthony Mattingly  
 Scientist  
 Date: 07/11/2025



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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             |                         |

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Generated By: Ryan Bellone  
 Commercial Director  
 Date: 07/14/2025



Tested By: Sara Cook  
 Laboratory Technician  
 Date: 07/14/2025



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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: Ryan Bellone  
 Commercial Director  
 Date: 07/14/2025



Tested By: Kelsey Rogers  
 Scientist  
 Date: 07/11/2025





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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          |
| Acequinocyl          | 4000        | Imidacloprid       | 3000        |
| Acetamiprid          | 5000        | Kresoxim methyl    | 1000        |
| Aldicarb             | 30          | Malathion          | 5000        |
| Azoxystrobin         | 40000       | Metaxalyl          | 15000       |
| Bifenazate           | 5000        | Methiocarb         | 30          |
| Bifenthrin           | 500         | Methomyl           | 100         |
| Boscalid             | 10000       | Mevinphos          | 30          |
| Carbaryl             | 500         | Myclobutanil       | 9000        |
| Carbofuran           | 30          | Naled              | 500         |
| Chloranthraniliprole | 40000       | Oxamyl             | 200         |
| Chlorfenapyr         | 30          | Paclobutrazol      | 30          |
| Chlorpyrifos         | 30          | Permethrin         | 20000       |
| Clofentezine         | 500         | Phosmet            | 200         |
| Coumaphos            | 30          | Piperonyl Butoxide | 8000        |
| Diazinon             | 200         | Prallethrin        | 400         |
| Dichlorvos           | 30          | Propiconazole      | 20000       |
| Dimethoate           | 30          | Propoxur           | 30          |
| Dimethomorph         | 20000       | Pyrethrins         | 1000        |
| Ethoprophos          | 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           |         |             |

