

## Twenty One - Lucky 7 Blend - 5000mg Gummies - Orange

Sample ID: SA-250721-65621  
 Batch: M4F03LT2  
 Type: Finished Product - Ingestible  
 Matrix: Edible - Gummy  
 Unit Mass (g): 7.9413

Received: 07/23/2025  
 Completed: 07/28/2025

**Client**  
 Twenty One  
 1291 Northwest 65th Pl  
 Fort Lauderdale, FL 33309  
 USA



### Summary

**Test**  
 Cannabinoids

**Date Tested**  
 07/28/2025

**Status**  
 Tested

**0.237 %**

$\Delta$ 9-THC

**1.61 %**

$\Delta$ 8-THC

**5.30 %**

Total Cannabinoids

**Not Tested**

Moisture Content

**Not Tested**

Foreign Matter

**Yes**

Internal Standard  
Normalization



Generated By: Ryan Bellone  
 Commercial Director  
 Date: 08/25/2025



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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 | 0.0104      | 0.826            |
| CBCV                | 0.0006  | 0.0018  | 0.0197      | 1.56             |
| CBD                 | 0.00081 | 0.00242 | ND          | ND               |
| CBDA                | 0.00043 | 0.0013  | ND          | ND               |
| CBDH                | 0.00067 | 0.002   | 0.00370     | 0.294            |
| CBDP                | 0.00067 | 0.002   | ND          | ND               |
| CBDV                | 0.00061 | 0.00182 | ND          | ND               |
| CBDVA               | 0.00021 | 0.00063 | 0.00290     | 0.230            |
| CBG                 | 0.00057 | 0.00172 | ND          | ND               |
| CBGA                | 0.00049 | 0.00147 | 0.00810     | 0.643            |
| CBL                 | 0.00112 | 0.00335 | ND          | ND               |
| CBLA                | 0.00124 | 0.00371 | ND          | ND               |
| CBN                 | 0.00056 | 0.00169 | 0.0296      | 2.35             |
| CBNA                | 0.0006  | 0.00181 | 0.0574      | 4.56             |
| CBNP                | 0.00067 | 0.002   | <LOQ        | <LOQ             |
| CBT                 | 0.0018  | 0.0054  | <LOQ        | <LOQ             |
| Δ4,8-iso-THC        | 0.00067 | 0.002   | 0.0360      | 2.86             |
| Δ6a,10a-THC         | 0.00067 | 0.002   | <LOQ        | <LOQ             |
| Δ8-iso-THC          | 0.00067 | 0.002   | 0.00810     | 0.643            |
| Δ8-THC              | 0.00104 | 0.00312 | 1.61        | 128              |
| Δ8-THCH             | 0.00067 | 0.002   | 0.00260     | 0.206            |
| Δ8-THCP             | 0.00067 | 0.002   | 0.00840     | 0.667            |
| Δ8-THCV             | 0.00067 | 0.002   | 0.00590     | 0.469            |
| Δ9-THC              | 0.00076 | 0.00227 | 0.237       | 18.9             |
| Δ9-THCA             | 0.00084 | 0.00251 | 1.44        | 115              |
| Δ9-THCH             | 0.00067 | 0.002   | 0.0588      | 4.67             |
| Δ9-THCP             | 0.00067 | 0.002   | 0.0706      | 5.61             |
| Δ9-THCV             | 0.00069 | 0.00206 | <LOQ        | <LOQ             |
| Δ9-THCVA            | 0.00062 | 0.00186 | ND          | ND               |
| (6aR,9R)-Δ10-THC    | 0.00067 | 0.002   | ND          | ND               |
| (6aR,9S)-Δ10-THC    | 0.00067 | 0.002   | ND          | ND               |
| exo-THC             | 0.00067 | 0.002   | ND          | ND               |
| (6aR,9R,10aR)-HHC   | 0.00067 | 0.002   | 1.20        | 95.2             |
| (6aR,9S,10aR)-HHC   | 0.00067 | 0.002   | 0.368       | 29.2             |
| 9R-H4-CBD           | 0.00067 | 0.002   | 0.0411      | 3.26             |
| 9S-H4-CBD           | 0.00067 | 0.002   | 0.0211      | 1.68             |
| 9R-HHCH             | 0.00067 | 0.002   | ND          | ND               |
| 9R-HHCP             | 0.00067 | 0.002   | 0.0345      | 2.74             |
| 9S-HHCH             | 0.00067 | 0.002   | ND          | ND               |
| 9S-HHCP             | 0.00067 | 0.002   | 0.0183      | 1.45             |
| <b>Total Δ9-THC</b> |         |         | <b>1.50</b> | <b>119</b>       |
| <b>Total</b>        |         |         | <b>5.30</b> | <b>421</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: 08/25/2025



Tested By: Kelsey Rogers  
 Scientist  
 Date: 07/28/2025



ISO/IEC 17025:2017 Accredited  
 Accreditation #108651



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### Summary

| Test              | Date Tested | Status |
|-------------------|-------------|--------|
| Foreign Matter    | 07/29/2025  | Tested |
| Heavy Metals      | 08/21/2025  | Tested |
| Microbials        | 08/06/2025  | Tested |
| Mycotoxins        | 08/05/2025  | Tested |
| Pesticides        | 08/13/2025  | Tested |
| Residual Solvents | 08/01/2025  | Tested |

|                                   |                                |                                         |                                       |                                       |                                               |
|-----------------------------------|--------------------------------|-----------------------------------------|---------------------------------------|---------------------------------------|-----------------------------------------------|
| <b>Not Tested</b><br>Total Δ9-THC | <b>Not Tested</b><br>Total CBD | <b>Not Tested</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 |
|-----------------------------------|--------------------------------|-----------------------------------------|---------------------------------------|---------------------------------------|-----------------------------------------------|

### 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: Ryan Bellone  
 Commercial Director  
 Date: 08/21/2025



Tested By: Chris Farman  
 Scientist  
 Date: 08/21/2025



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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) |
|----------------------|-----------|-----------|--------------|-------------------------|-----------|-----------|--------------|
| Acephate             | 30        | 100       | ND           | Hexythiazox             | 30        | 100       | ND           |
| Acetamiprid          | 30        | 100       | ND           | Imazalil                | 30        | 100       | ND           |
| Aldicarb             | 30        | 100       | ND           | Imidacloprid            | 30        | 100       | ND           |
| Azoxystrobin         | 30        | 100       | ND           | Kresoxim methyl         | 30        | 100       | ND           |
| Bifenazate           | 30        | 100       | ND           | Malathion               | 30        | 100       | ND           |
| Bifenthrin           | 30        | 100       | ND           | Metaxyl                 | 30        | 100       | ND           |
| Boscalid             | 30        | 100       | ND           | Methiocarb              | 30        | 100       | ND           |
| Captan               | 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           |
| Chlordane            | 30        | 100       | ND           | Oxamyl                  | 30        | 100       | ND           |
| Chlorfenapyr         | 30        | 100       | ND           | Paclobutrazol           | 30        | 100       | ND           |
| Chlorpyrifos         | 30        | 100       | ND           | Parathion methyl        | 30        | 100       | ND           |
| Clofentezine         | 30        | 100       | ND           | Pentachloronitrobenzene | 30        | 100       | ND           |
| Coumaphos            | 30        | 100       | ND           | Phosmet                 | 30        | 100       | ND           |
| Cyfluthrin           | 30        | 100       | ND           | Piperonyl Butoxide      | 30        | 100       | ND           |
| Daminozide           | 30        | 100       | ND           | Prallethrin             | 30        | 100       | ND           |
| Diazinon             | 30        | 100       | ND           | Propiconazole           | 30        | 100       | ND           |
| Dichlorvos           | 30        | 100       | ND           | Propoxur                | 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           |
| 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           |
| Flonicamid           | 30        | 100       | ND           | Trifloxystrobin         | 30        | 100       | ND           |
| Fludioxonil          | 30        | 100       | ND           |                         |           |           |              |

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Generated By: Ryan Bellone  
 Commercial Director  
 Date: 08/21/2025



Tested By: Anthony Mattingly  
 Scientist  
 Date: 08/13/2025



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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: Ryan Bellone  
 Commercial Director  
 Date: 08/21/2025



Tested By: Anthony Mattingly  
 Scientist  
 Date: 08/05/2025



## Twenty One - Lucky 7 Blend - 5000mg Gummies - Orange

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### Microbials by PCR and Plating

| Analyte                              | LOD (CFU/g) | Result (CFU/g) | Result (Qualitative)    |
|--------------------------------------|-------------|----------------|-------------------------|
| Total aerobic count                  | 10          | ND             |                         |
| Aspergillus flavus                   | 1           |                | Not Detected per 1 gram |
| Aspergillus fumigatus                | 1           |                | Not Detected per 1 gram |
| Aspergillus niger                    | 1           |                | Not Detected per 1 gram |
| Aspergillus terreus                  | 1           |                | Not Detected per 1 gram |
| Bile-tolerant gram-negative bacteria | 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: 08/21/2025



Tested By: Sara Cook  
 Laboratory Technician  
 Date: 08/06/2025



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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: 08/21/2025



Tested By: Kelsey Rogers  
 Scientist  
 Date: 08/01/2025

