



**Mother Grows Best**  
1851 Steinway Blvd. SE  
Canton, OH 44707  
License #: CCP000034-00  
Sample ID: 2607ML0763.5138  
METRC Sample ID: 1A40703000020D1000068226



**CERTIFICATE OF ANALYSIS**  
Laboratory License #: CCL000012-00

Certificate: 17329

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## M00001244817: Bulk Raw SSU - Fresh Powder - 1g

**METRC ID:** 1A40703000020D1000068226

**METRC Source ID:** 1A40703000020D1000068225

**Source Batch #:** Fresh Powder 1g 7-10-26

**Sample Type:** Raw Single Serving Unit

**Strain:** Fresh Powder

**Sample ID:** 2607ML0763.5138

**Manifest #:** 0001449837

**Sample Collected:** 07/14/2026

**Sample Received:** 07/14/2026

**Report Published:** 07/17/2026



## RESULTS SUMMARY

|                                 |                                     |                                     |                      |
|---------------------------------|-------------------------------------|-------------------------------------|----------------------|
| Cannabinoid Profile<br>Tested   | Microbial Contaminants<br>Pass      | Residual Solvents<br>Not Tested     | 22.953%<br>Total THC |
| Pesticides<br>Pass              | Mycotoxins<br>Pass                  | Heavy Metals<br>Pass                |                      |
| Foreign Matter<br>Tested (0.0%) | Moisture Analysis<br>Tested (13.5%) | Water Activity<br>Tested (0.527 Aw) |                      |
|                                 | Terpenes<br>Tested                  |                                     |                      |

Moisture Analysis is analyzed by Oven Drying (SOP LAB-14)

Water Activity is analyzed by METER total moisture analyzer (SOP LAB-05)

Foreign Matter is analyzed by Microscope (SOP LAB-06)

**Report Notes:** N/A

**Amber Lindsay**

Scientific Director & Quality Manager

**Smithers CTS Ohio LLC**

2040 Fairwood Ave  
Columbus, OH 43207  
(330) 842-6553



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Cannabinoid Profile

Tested

Sample Analysis  
Sample Prep Date: 07/15/2026  
Sample Analysis Date: 07/16/2026  
Analyzed By: HPLC-DAD  
SOP: SOP LAB-07

| Analyte            | LOD (%)  | LOQ (%)     | Results (%)    | Results (mg/g) |
|--------------------|----------|-------------|----------------|----------------|
| CBDV               | 0.028728 | 0.087009    | ND             | ND             |
| CBDa               | 0.05581  | 0.17018     | ND             | ND             |
| CBGA               | 0.012718 | 0.038518    | 1.8068         | 18.068         |
| CBG                | 0.020403 | 0.061758    | ND             | ND             |
| CBD                | 0.12992  | 0.39434     | ND             | ND             |
| THCV               | 0.085088 | 0.258       | ND             | ND             |
| CBN                | 0.07045  | 0.21409     | ND             | ND             |
| Δ9-THC             | 0.12809  | 0.38793     | 0.85089        | 8.5089         |
| Δ8-THC             | 0.12809  | 0.38884     | ND             | ND             |
| CBC                | 0.035956 | 0.10897     | ND             | ND             |
| THCa               | 0.049406 | 0.14822     | 25.202         | 252.02         |
| Cannabinoid Totals |          | Results (%) | Results (mg/g) |                |
| Total THC          |          | 22.953      | 229.53         |                |
| Total CBD          |          | ND          | ND             |                |

Total THC = THCa \* 0.877 + Δ9-THC + Δ8-THC  
Total CBD = CBDa \* 0.877 + CBD

Report Notes: N/A

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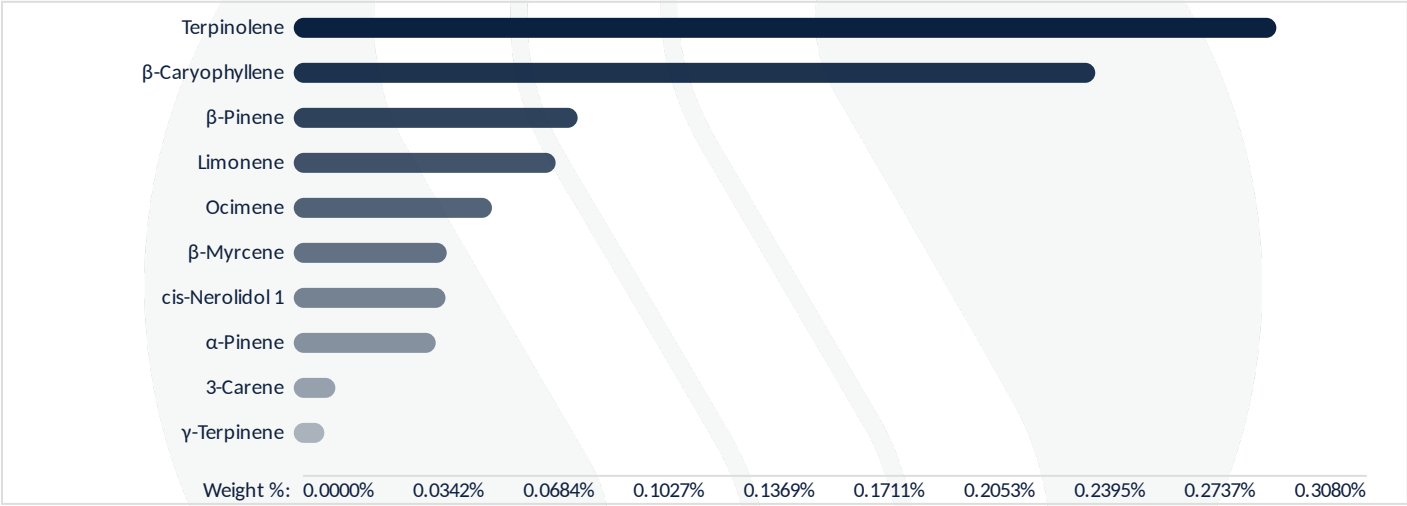
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Terpene Profile

Tested

Sample Analysis  
Sample Prep Date: 07/15/2026  
Sample Analysis Date: 07/17/2026  
Analyzed By: GCMS  
SOP: SOP LAB-15

| Analyte         | LOD (%)   | LOQ (%)   | Results (%) | Results (mg/g) | Analyte             | LOD (%)    | LOQ (%)   | Results (%) | Results (mg/g) |
|-----------------|-----------|-----------|-------------|----------------|---------------------|------------|-----------|-------------|----------------|
| Terpinolene     | 0.0032215 | 0.0097795 | 0.30796     | 3.0796         | α-Bisabolol         | 0.0024928  | 0.0075551 | ND          | ND             |
| β-Caryophyllene | 0.0030681 | 0.0093193 | 0.25120     | 2.5120         | Caryophyllene Oxide | 0.0068265  | 0.020748  | ND          | ND             |
| β-Pinene        | 0.0025695 | 0.0078236 | 0.088974    | 0.88974        | Guaiol              | 0.0026079  | 0.0079003 | ND          | ND             |
| Limonene        | 0.0037584 | 0.011352  | 0.082071    | 0.82071        | trans-Nerolidol 2   | 0.0037200  | 0.011275  | ND          | ND             |
| Ocimene         | 0.0069799 | 0.021131  | 0.062128    | 0.62128        | α-Humulene          | 0.0022244  | 0.0067114 | ND          | ND             |
| β-Myrcene       | 0.0040268 | 0.012157  | 0.047939    | 0.47939        | Geraniol            | 0.0034132  | 0.010316  | ND          | ND             |
| cis-Nerolidol 1 | 0.0030681 | 0.0093193 | 0.047555    | 0.47555        | Isopulegol          | 0.0024928  | 0.0075551 | ND          | ND             |
| α-Pinene        | 0.0048706 | 0.014727  | 0.044487    | 0.44487        | Linalool            | 0.0018025  | 0.0054842 | ND          | ND             |
| 3-Carene        | 0.0035666 | 0.010815  | 0.013039    | 0.13039        | Eucalyptol          | 0.00046021 | 0.0014573 | ND          | ND             |
| γ-Terpinene     | 0.0035283 | 0.010738  | < LOQ       | < LOQ          | p-Cymene            | 0.0015724  | 0.0047939 | ND          | ND             |
| α-Terpinene     | 0.0039885 | 0.012042  | < LOQ       | < LOQ          | Camphene            | 0.0032215  | 0.0097795 | ND          | ND             |



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Pesticides

Pass

Sample Analysis  
Sample Prep Date: 07/15/2026  
Sample Analysis Date: 07/17/2026  
Analyzed By: LC-MS/MS  
SOP: LAB SOP-08

| Analyte           | LOD (ppm) | LOQ (ppm) | Limit (ppm) | Results (ppm) | Analyte            | LOD (ppm) | LOQ (ppm) | Limit (ppm) | Results (ppm) |
|-------------------|-----------|-----------|-------------|---------------|--------------------|-----------|-----------|-------------|---------------|
| Abamectin         | 0.0313    | 0.0940    | 0.0313      | ND            | Piperonyl butoxide | 0.0157    | 0.0470    | 0.0157      | ND            |
| Aldicarb          | 0.0313    | 0.0940    | 0.0313      | ND            | Pyrethrins         | 0.00313   | 0.00940   | 0.05        | ND            |
| Daminozide        | 0.0313    | 0.0940    | 0.0313      | ND            | Spinosad           | 0.00313   | 0.00940   | 0.02        | ND            |
| DDVP (Dichlorvos) | 0.00313   | 0.00940   | 0.00313     | ND            | Spirotetramat      | 0.00157   | 0.00470   | 0.01        | ND            |
| Diazinon          | 0.0157    | 0.0470    | 0.0157      | ND            | Thiamethoxam       | 0.00313   | 0.00940   | 0.02        | ND            |
| Dimethoate        | 0.0157    | 0.0470    | 0.0157      | ND            | Trifloxystrobin    | 0.00157   | 0.00470   | 0.01        | ND            |
| Etoxazole         | 0.0157    | 0.0470    | 0.0157      | ND            | Bifenazate         | 0.0157    | 0.0470    | 0.1         | ND            |
| Imidacloprid      | 0.0313    | 0.0940    | 0.0313      | ND            | Cyfluthrin         | 0.00313   | 0.00940   | 0.01        | ND            |
| Myclobutanil      | 0.0157    | 0.0470    | 0.0157      | ND            | Flonicamid         | 0.00313   | 0.00940   | 0.03        | ND            |
| Paclobutrazol     | 0.0313    | 0.0940    | 0.0313      | ND            | Fludioxonil        | 0.00157   | 0.00470   | 0.01        | ND            |

Report Notes: N/A

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Mycotoxins

Pass

Sample Analysis  
Sample Prep Date: 07/15/2026  
Sample Analysis Date: 07/17/2026  
Analyzed By: LC-MS/MS  
SOP: LAB SOP-08

| Analyte          | LOD (ppb) | LOQ (ppb) | Limit (ppb) | Results (ppb) |
|------------------|-----------|-----------|-------------|---------------|
| Aflatoxin B1     | 3.10      | 9.40      | 20          | ND            |
| Aflatoxin B2     | 3.10      | 9.40      | 20          | ND            |
| Aflatoxin G1     | 3.10      | 9.40      | 20          | ND            |
| Aflatoxin G2     | 3.10      | 9.40      | 20          | ND            |
| Total Aflatoxins | 3.10      | 9.40      | 20          | ND            |
| Ochratoxin A     | 3.10      | 9.40      | 20          | ND            |

Report Notes: N/A

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Heavy Metals

Pass

Sample Analysis  
Sample Prep Date: 07/17/2026  
Sample Analysis Date: 07/17/2026  
Analyzed By: ICP-MS  
SOP: SOP LAB-03

| Analyte | LOD (ppm) | LOQ (ppm) | Limit (ppm) | Results (ppm) |
|---------|-----------|-----------|-------------|---------------|
| Arsenic | 0.0879    | 0.263     | 0.42        | ND            |
| Cadmium | 0.0548    | 0.160     | 0.27        | ND            |
| Mercury | 0.0662    | 0.205     | 0.87        | ND            |
| Lead    | 0.0696    | 0.205     | 0.87        | ND            |

Microbial Impurities

Pass

Sample Analysis  
Sample Prep Date: 07/14/2026  
Sample Analysis Date: 07/17/2026  
Analyzed By: Hardy CompactDry Plates | bioMérieux GENE UP PCR  
SOP: SOP LAB-04 | SOP Lab-17

| Analyte                                    | Limit (cfu/g) | Results (cfu/g) |
|--------------------------------------------|---------------|-----------------|
| Total Viable Aerobic Bacteria              | 100000        | 50              |
| Total Bile-Tolerant Gram-Negative Bacteria | 1000          | ND              |
| Total Coliforms                            | 1000          | ND              |
| Total Yeast & Mold                         | 50000         | ND              |
| Salmonella spp.                            | Detected      | Not Detected    |
| STEC                                       | Detected      | Not Detected    |

Report Notes: N/A

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