



**Mother Grows Best**  
1851 Steinway Blvd. SE  
Canton, OH 44707  
License #: CCP000034-00  
Sample ID: 2606ML0692.4617  
METRC Sample ID: 1A40703000020D1000068114



**SMITHERS**

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

Certificate: 16781

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**M00001300018: Bulk Raw SSU - Mega Squirt - 0.5g**

**METRC ID:** 1A40703000020D1000068114

**METRC Source ID:** 1A40703000020D1000068113

**Source Batch #:** Mega Squirt .5g 6-25-26

**Sample Type:** Raw Single Serving Unit

**Strain:** Mega Squirt

**Sample ID:** 2606ML0692.4617

**Manifest #:** 0001440774

**Sample Collected:** 06/25/2026

**Sample Received:** 06/25/2026

**Report Published:** 06/29/2026



**RESULTS SUMMARY**

|                                                    |                                                        |                                                        |                                         |                                    |
|----------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|-----------------------------------------|------------------------------------|
| <div>Cannabinoid Profile</div> <div>Tested</div>   | <div>Microbial Contaminants</div> <div>Pass</div>      | <div>Residual Solvents</div> <div>Not Tested</div>     | <div>22.227%</div> <div>Total THC</div> |                                    |
| <div>Pesticides</div> <div>Pass</div>              | <div>Mycotoxins</div> <div>Pass</div>                  | <div>Heavy Metals</div> <div>Pass</div>                |                                         | <div>ND</div> <div>Total CBD</div> |
| <div>Foreign Matter</div> <div>Tested (0.0%)</div> | <div>Moisture Analysis</div> <div>Tested (12.3%)</div> | <div>Water Activity</div> <div>Tested (0.495 Aw)</div> |                                         |                                    |
|                                                    | <div>Terpenes</div> <div>Tested</div>                  |                                                        |                                         |                                    |

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: 06/26/2026  
Sample Analysis Date: 06/29/2026  
Analyzed By: HPLC-DAD  
SOP: SOP LAB-07

| Analyte            | LOD (%)  | LOQ (%)     | Results (%)    | Results (mg/g) |
|--------------------|----------|-------------|----------------|----------------|
| CBDV               | 0.027267 | 0.082582    | ND             | ND             |
| CBDa               | 0.052971 | 0.16152     | ND             | ND             |
| CBGA               | 0.01207  | 0.036558    | 1.4126         | 14.126         |
| CBG                | 0.019365 | 0.058616    | 0.23519        | 2.3519         |
| CBD                | 0.1233   | 0.37427     | ND             | ND             |
| THCV               | 0.080758 | 0.24488     | ND             | ND             |
| CBN                | 0.066865 | 0.2032      | ND             | ND             |
| Δ9-THC             | 0.12157  | 0.36819     | 0.58874        | 5.8874         |
| Δ8-THC             | 0.12157  | 0.36906     | ND             | ND             |
| CBC                | 0.034127 | 0.10342     | ND             | ND             |
| THCa               | 0.046892 | 0.14068     | 24.673         | 246.73         |
| Cannabinoid Totals |          | Results (%) | Results (mg/g) |                |
| Total THC          |          | 22.227      | 222.27         |                |
| 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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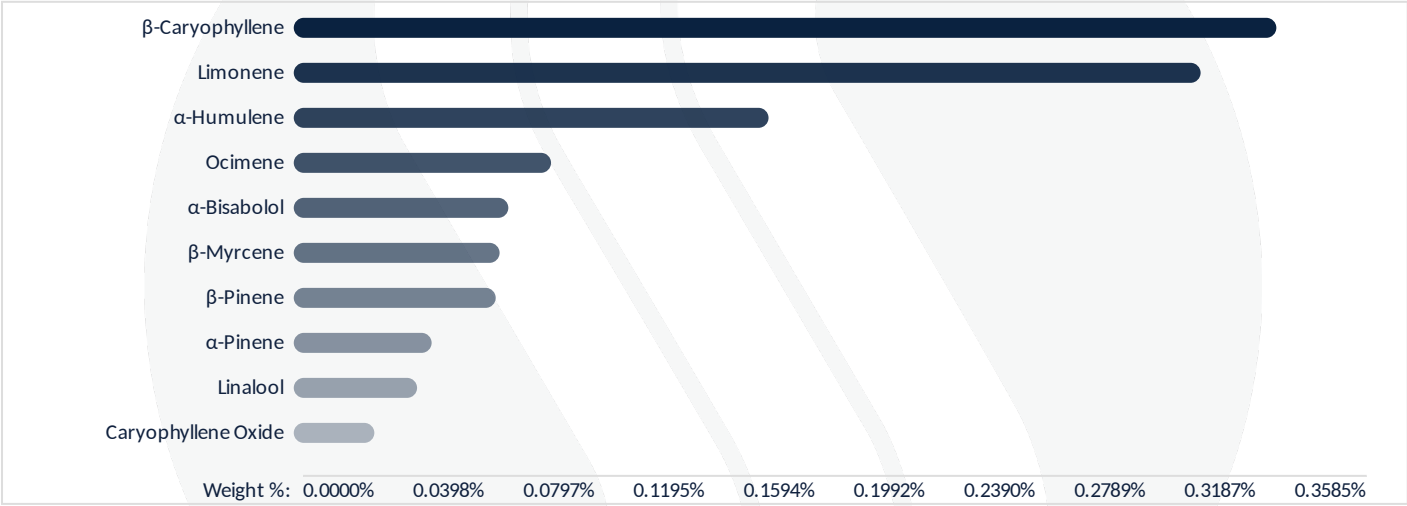
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Terpene Profile

Tested

Sample Analysis  
Sample Prep Date: 06/26/2026  
Sample Analysis Date: 06/29/2026  
Analyzed By: GCMS  
SOP: SOP LAB-15

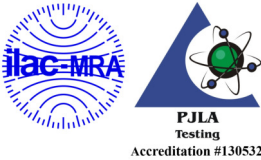
| Analyte             | LOD (%)   | LOQ (%)   | Results (%) | Results (mg/g) | Analyte           | LOD (%)    | LOQ (%)   | Results (%) | Results (mg/g) |
|---------------------|-----------|-----------|-------------|----------------|-------------------|------------|-----------|-------------|----------------|
| β-Caryophyllene     | 0.0028344 | 0.0086094 | 0.35855     | 3.5855         | Guaiol            | 0.0024092  | 0.0072985 | 0.021258    | 0.21258        |
| Limonene            | 0.0034721 | 0.010487  | 0.33091     | 3.3091         | Isopulegol        | 0.0023029  | 0.0069796 | 0.018778    | 0.18778        |
| α-Humulene          | 0.0020549 | 0.0062002 | 0.17325     | 1.7325         | α-Terpinene       | 0.0036847  | 0.011125  | 0.017006    | 0.17006        |
| Ocimene             | 0.0064482 | 0.019522  | 0.093888    | 0.93888        | trans-Nerolidol 2 | 0.0034367  | 0.010416  | 0.015943    | 0.15943        |
| α-Bisabolol         | 0.0023029 | 0.0069796 | 0.078299    | 0.78299        | p-Cymene          | 0.0014526  | 0.0044287 | 0.014880    | 0.14880        |
| β-Myrcene           | 0.0037201 | 0.011231  | 0.075111    | 0.75111        | cis-Nerolidol 1   | 0.0028344  | 0.0086094 | 0.013818    | 0.13818        |
| β-Pinene            | 0.0023738 | 0.0072276 | 0.073694    | 0.73694        | γ-Terpinene       | 0.0032595  | 0.0099203 | 0.012046    | 0.12046        |
| α-Pinene            | 0.0044996 | 0.013605  | 0.050310    | 0.50310        | Geraniol          | 0.0031532  | 0.0095306 | 0.011337    | 0.11337        |
| Linalool            | 0.0016652 | 0.0050664 | 0.044996    | 0.44996        | 3-Carene          | 0.0032950  | 0.0099911 | < LOQ       | < LOQ          |
| Caryophyllene Oxide | 0.0063065 | 0.019167  | 0.029407    | 0.29407        | Eucalyptol        | 0.00042516 | 0.0013463 | 0.0067316   | 0.067316       |
| Camphene            | 0.0029761 | 0.0090345 | 0.027281    | 0.27281        | Terpinolene       | 0.0029761  | 0.0090345 | ND          | ND             |



Report Notes: N/A

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**Pesticides**

**Pass**

**Sample Analysis**

Sample Prep Date: 06/26/2026  
Sample Analysis Date: 06/29/2026  
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         | 0.0298    | 0.0896    | 0.0298      | ND            | Piperonyl butoxide | 0.0150    | 0.0448    | 0.015       | ND            |
| Aldicarb          | 0.0298    | 0.0896    | 0.0298      | ND            | Pyrethrins         | 0.00298   | 0.00896   | 0.05        | ND            |
| Daminozide        | 0.0298    | 0.0896    | 0.0298      | ND            | Spinosad           | 0.00298   | 0.00896   | 0.02        | ND            |
| DDVP (Dichlorvos) | 0.00298   | 0.00896   | 0.00298     | ND            | Spirotetramat      | 0.00150   | 0.00448   | 0.01        | ND            |
| Diazinon          | 0.0150    | 0.0448    | 0.015       | ND            | Thiamethoxam       | 0.00298   | 0.00896   | 0.02        | ND            |
| Dimethoate        | 0.0150    | 0.0448    | 0.015       | ND            | Trifloxystrobin    | 0.00150   | 0.00448   | 0.01        | ND            |
| Etoxazole         | 0.0150    | 0.0448    | 0.015       | ND            | Bifenazate         | 0.0150    | 0.0448    | 0.1         | ND            |
| Imidacloprid      | 0.0298    | 0.0896    | 0.0298      | ND            | Cyfluthrin         | 0.00298   | 0.00896   | 0.01        | ND            |
| Myclobutanil      | 0.0150    | 0.0448    | 0.015       | ND            | Flonicamid         | 0.00298   | 0.00896   | 0.03        | ND            |
| Paclobutrazol     | 0.0298    | 0.0896    | 0.0298      | ND            | Fludioxonil        | 0.00150   | 0.00448   | 0.01        | ND            |

Report Notes: N/A

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**Mycotoxins**

**Pass**

**Sample Analysis**

Sample Prep Date: 06/26/2026  
Sample Analysis Date: 06/29/2026  
Analyzed By: LC-MS/MS  
SOP: LAB SOP-08

| Analyte          | LOD (ppb) | LOQ (ppb) | Limit (ppb) | Results (ppb) |
|------------------|-----------|-----------|-------------|---------------|
| Aflatoxin B1     | 2.96      | 8.96      | 20          | ND            |
| Aflatoxin B2     | 2.96      | 8.96      | 20          | ND            |
| Aflatoxin G1     | 2.96      | 8.96      | 20          | ND            |
| Aflatoxin G2     | 2.96      | 8.96      | 20          | ND            |
| Total Aflatoxins | 2.96      | 8.96      | 20          | ND            |
| Ochratoxin A     | 2.96      | 8.96      | 20          | ND            |

**Report Notes:** N/A

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Accreditation #130532

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Heavy Metals

Pass

Sample Analysis  
Sample Prep Date: 06/29/2026  
Sample Analysis Date: 06/29/2026  
Analyzed By: ICP-MS  
SOP: SOP LAB-03

| Analyte | LOD (ppm) | LOQ (ppm) | Limit (ppm) | Results (ppm) |
|---------|-----------|-----------|-------------|---------------|
| Arsenic | 0.0793    | 0.237     | 0.42        | ND            |
| Cadmium | 0.0494    | 0.144     | 0.27        | ND            |
| Mercury | 0.0597    | 0.185     | 0.87        | ND            |
| Lead    | 0.0628    | 0.185     | 0.87        | ND            |

Microbial Impurities

Pass

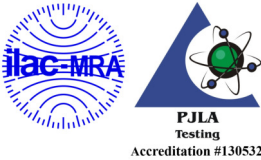
Sample Analysis  
Sample Prep Date: 06/25/2026  
Sample Analysis Date: 06/28/2026  
Analyzed By: Hardy CompactDry Plates | bioMérieux GENE UP PCR  
SOP: SOP LAB-04 | SOP Lab-17

| Analyte                                    | Limit (cfu/g) | Results (cfu/g) |
|--------------------------------------------|---------------|-----------------|
| Total Viable Aerobic Bacteria              | 100000        | ND              |
| Total Bile-Tolerant Gram-Negative Bacteria | 1000          | ND              |
| Total Coliforms                            | 1000          | ND              |
| Total Yeast & Mold                         | 50000         | 365             |
| Salmonella spp.                            | Detected      | Not Detected    |
| STEC                                       | Detected      | Not Detected    |

Report Notes: N/A

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