



**Mother Grows Best**  
1851 Steinway Blvd. SE  
Canton, OH 44707  
License #: CCP000034-00  
Sample ID: 2605ML0483.3251  
METRC Sample ID: 1A40703000020D1000051690



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

Certificate: 15270

Page 1 of 6

M00001339925: Bulk Raw SSU - Sativa - 25.7 - Disco Diesel - The Essence Mini Pre-Roll Pack

**METRC ID:** 1A40703000020D1000051690 **Sample ID:** 2605ML0483.3251  
**METRC Source ID:** 1A40703000020D1000051689 **Manifest #:** 0001418023  
**Source Batch #:** Disco Diesel .5g Bulk Raw SSU 5-7-2026 **Sample Collected:** 05/07/2026  
**Sample Type:** Raw Single Serving Unit **Sample Received:** 05/07/2026  
**Strain:** Disco Diesel **Report Published:** 05/12/2026



## 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>27.682%</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 (11.1%)</div> | <div>Water Activity</div> <div>Tested (0.408 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

**Jen Bodine**

Lab Director

**Smithers CTS Ohio LLC**  
2040 Fairwood Ave  
Columbus, OH 43207  
(330) 842-6553



NT= Not Tested, ND= Not Detected, NR= Not Reported, LOD= Limit of Detection, LOQ= Limit of Quantitation. This product was sampled by Smithers CTS Ohio LLC according to SOP Lab-12 and was tested by Smithers CTS Ohio LLC using valid testing methodologies under a quality system as required by state law. "Pass" / "Fail" determinations are per published MMCP Contaminant Thresholds. Smithers CTS Ohio LLC makes no claims as to the efficacy, safety, or other risks associated with any detected or non-detected level of any compounds reported herein. Values reported relate only to the product tested as identified above and Smithers CTS Ohio LLC is responsible for the data provided. This Certificate must not be altered, and shall not be reproduced except in full, without the written approval of Smithers CTS Ohio LLC.



Mother Grows Best  
1851 Steinway Blvd. SE  
Canton, OH 44707  
License #: CCP000034-00  
Sample ID: 2605ML0483.3251  
METRC Sample ID: 1A40703000020D1000051690



CERTIFICATE OF ANALYSIS  
Laboratory License #: CCL000012-00

Cannabinoid Profile

Tested

Sample Analysis  
Sample Prep Date: 05/08/2026  
Sample Analysis Date: 05/11/2026  
Analyzed By: HPLC-DAD  
SOP: SOP LAB-07

| Analyte            | LOD (%)  | LOQ (%)     | Results (%)    | Results (mg/g) |
|--------------------|----------|-------------|----------------|----------------|
| CBDV               | 0.025398 | 0.07692     | ND             | ND             |
| CBDa               | 0.049339 | 0.15044     | ND             | ND             |
| CBGA               | 0.011242 | 0.034052    | 1.1004         | 11.004         |
| CBG                | 0.019142 | 0.05794     | ND             | ND             |
| CBD                | 0.11486  | 0.34861     | ND             | ND             |
| THCV               | 0.075222 | 0.22809     | ND             | ND             |
| CBN                | 0.06228  | 0.18927     | ND             | ND             |
| Δ9-THC             | 0.11324  | 0.34294     | 0.44041        | 4.4041         |
| Δ8-THC             | 0.11324  | 0.34376     | ND             | ND             |
| CBC                | 0.031787 | 0.096332    | ND             | ND             |
| THCa               | 0.043677 | 0.13103     | 31.062         | 310.62         |
| Cannabinoid Totals |          | Results (%) | Results (mg/g) |                |
| Total THC          |          | 27.682      | 276.82         |                |
| Total CBD          |          | ND          | ND             |                |

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

Report Notes: N/A

Jen Bodine  
Lab Director

Smithers CTS Ohio LLC  
2040 Fairwood Ave  
Columbus, OH 43207  
(330) 842-6553



NT= Not Tested, ND= Not Detected, NR= Not Reported, LOD= Limit of Detection, LOQ= Limit of Quantitation. This product was sampled by Smithers CTS Ohio LLC according to SOP Lab-12 and was tested by Smithers CTS Ohio LLC using valid testing methodologies under a quality system as required by state law. "Pass" / "Fail" determinations are per published MMCP Contaminant Thresholds. Smithers CTS Ohio LLC makes no claims as to the efficacy, safety, or other risks associated with any detected or non-detected level of any compounds reported herein. Values reported relate only to the product tested as identified above and Smithers CTS Ohio LLC is responsible for the data provided. This Certificate must not be altered, and shall not be reproduced except in full, without the written approval of Smithers CTS Ohio LLC.



Mother Grows Best  
1851 Steinway Blvd. SE  
Canton, OH 44707  
License #: CCP000034-00  
Sample ID: 2605ML0483.3251  
METRC Sample ID: 1A40703000020D1000051690



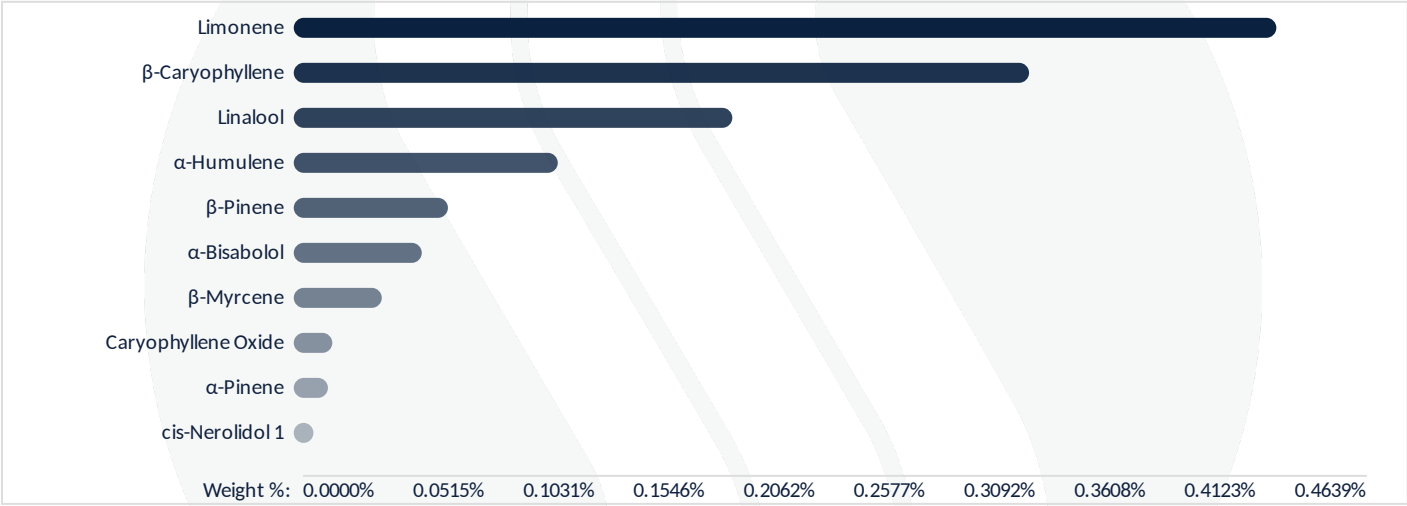
CERTIFICATE OF ANALYSIS  
Laboratory License #: CCL000012-00

Terpene Profile

Tested

Sample Analysis  
Sample Prep Date: 05/08/2026  
Sample Analysis Date: 05/11/2026  
Analyzed By: GCMS  
SOP: SOP LAB-15

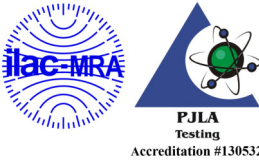
| Analyte             | LOD (%)   | LOQ (%)   | Results (%) | Results (mg/g) | Analyte           | LOD (%)    | LOQ (%)   | Results (%) | Results (mg/g) |
|---------------------|-----------|-----------|-------------|----------------|-------------------|------------|-----------|-------------|----------------|
| Limonene            | 0.0033648 | 0.010163  | 0.46386     | 4.6386         | Guaiol            | 0.0023348  | 0.0070730 | ND          | ND             |
| β-Caryophyllene     | 0.0027468 | 0.0083433 | 0.34712     | 3.4712         | trans-Nerolidol 2 | 0.0033305  | 0.010094  | ND          | ND             |
| Linalool            | 0.0016137 | 0.0049099 | 0.20704     | 2.0704         | Geraniol          | 0.0030558  | 0.0092361 | ND          | ND             |
| α-Humulene          | 0.0019914 | 0.0060086 | 0.12464     | 1.2464         | Isopulegol        | 0.0022318  | 0.0067639 | ND          | ND             |
| β-Pinene            | 0.0023004 | 0.0070043 | 0.072790    | 0.72790        | Terpinolene       | 0.0028841  | 0.0087554 | ND          | ND             |
| α-Bisabolol         | 0.0022318 | 0.0067639 | 0.060429    | 0.60429        | γ-Terpinene       | 0.0031588  | 0.0096137 | ND          | ND             |
| β-Myrcene           | 0.0036052 | 0.010884  | 0.041545    | 0.41545        | Eucalyptol        | 0.00041202 | 0.0013047 | ND          | ND             |
| Caryophyllene Oxide | 0.0061116 | 0.018575  | < LOQ       | < LOQ          | p-Cymene          | 0.0014077  | 0.0042918 | ND          | ND             |
| α-Pinene            | 0.0043605 | 0.013185  | 0.016137    | 0.16137        | Ocimene           | 0.0062489  | 0.018918  | ND          | ND             |
| cis-Nerolidol 1     | 0.0027468 | 0.0083433 | 0.0092704   | 0.092704       | α-Terpinene       | 0.0035708  | 0.010781  | ND          | ND             |
| Camphene            | 0.0028841 | 0.0087554 | < LOQ       | < LOQ          | 3-Carene          | 0.0031931  | 0.0096824 | ND          | ND             |



Report Notes: N/A

Jen Bodine  
Lab Director

Smithers CTS Ohio LLC  
2040 Fairwood Ave  
Columbus, OH 43207  
(330) 842-6553



NT= Not Tested, ND= Not Detected, NR= Not Reported, LOD= Limit of Detection, LOQ= Limit of Quantitation. This product was sampled by Smithers CTS Ohio LLC according to SOP Lab-12 and was tested by Smithers CTS Ohio LLC using valid testing methodologies under a quality system as required by state law. "Pass" / "Fail" determinations are per published MMCP Contaminant Thresholds. Smithers CTS Ohio LLC makes no claims as to the efficacy, safety, or other risks associated with any detected or non-detected level of any compounds reported herein. Values reported relate only to the product tested as identified above and Smithers CTS Ohio LLC is responsible for the data provided. This Certificate must not be altered, and shall not be reproduced except in full, without the written approval of Smithers CTS Ohio LLC.



**Mother Grows Best**  
1851 Steinway Blvd. SE  
Canton, OH 44707  
License #: CCP000034-00  
Sample ID: 2605ML0483.3251  
METRC Sample ID: 1A40703000020D1000051690



**SMITHERS**

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

Certificate: 15270

Page 4 of 6

**Pesticides**

**Pass**

**Sample Analysis**

Sample Prep Date: 05/08/2026  
Sample Analysis Date: 05/12/2026  
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         | 0.0317    | 0.0951    | 0.0317      | ND            | Piperonyl butoxide | 0.0159    | 0.0476    | 0.0159      | ND            |
| Aldicarb          | 0.0317    | 0.0951    | 0.0317      | ND            | Pyrethrins         | 0.00317   | 0.00951   | 0.05        | ND            |
| Daminozide        | 0.0317    | 0.0951    | 0.0317      | ND            | Spinosad           | 0.00317   | 0.00951   | 0.02        | ND            |
| DDVP (Dichlorvos) | 0.00317   | 0.00951   | 0.00317     | ND            | Spirotetramat      | 0.00159   | 0.00476   | 0.01        | ND            |
| Diazinon          | 0.0159    | 0.0476    | 0.0159      | ND            | Thiamethoxam       | 0.00317   | 0.00951   | 0.02        | ND            |
| Dimethoate        | 0.0159    | 0.0476    | 0.0159      | ND            | Trifloxystrobin    | 0.00159   | 0.00476   | 0.01        | ND            |
| Etoxazole         | 0.0159    | 0.0476    | 0.0159      | ND            | Bifenazate         | 0.0159    | 0.0476    | 0.1         | ND            |
| Imidacloprid      | 0.0317    | 0.0951    | 0.0317      | ND            | Cyfluthrin         | 0.00317   | 0.00951   | 0.01        | ND            |
| Myclobutanil      | 0.0159    | 0.0476    | 0.0159      | ND            | Flonicamid         | 0.00317   | 0.00951   | 0.03        | ND            |
| Paclobutrazol     | 0.0317    | 0.0951    | 0.0317      | ND            | Fludioxonil        | 0.00159   | 0.00476   | 0.01        | ND            |

Report Notes: N/A

**Jen Bodine**

Lab Director

**Smithers CTS Ohio LLC**  
2040 Fairwood Ave  
Columbus, OH 43207  
(330) 842-6553



NT= Not Tested, ND= Not Detected, NR= Not Reported, LOD= Limit of Detection, LOQ= Limit of Quantitation. This product was sampled by Smithers CTS Ohio LLC according to SOP Lab-12 and was tested by Smithers CTS Ohio LLC using valid testing methodologies under a quality system as required by state law. "Pass" / "Fail" determinations are per published MMCP Contaminant Thresholds. Smithers CTS Ohio LLC makes no claims as to the efficacy, safety, or other risks associated with any detected or non-detected level of any compounds reported herein. Values reported relate only to the product tested as identified above and Smithers CTS Ohio LLC is responsible for the data provided. This Certificate must not be altered, and shall not be reproduced except in full, without the written approval of Smithers CTS Ohio LLC.



Mother Grows Best  
1851 Steinway Blvd. SE  
Canton, OH 44707  
License #: CCP000034-00  
Sample ID: 2605ML0483.3251  
METRC Sample ID: 1A40703000020D1000051690



CERTIFICATE OF ANALYSIS  
Laboratory License #: CCL000012-00

**Mycotoxins**

Pass

**Sample Analysis**  
Sample Prep Date: 05/08/2026  
Sample Analysis Date: 05/12/2026  
Analyzed By: LC-MS/MS  
SOP: LAB SOP-08

| Analyte          | LOD (ppb) | LOQ (ppb) | Limit (ppb) | Results (ppb) |
|------------------|-----------|-----------|-------------|---------------|
| Aflatoxin B1     | 3.14      | 9.51      | 20          | ND            |
| Aflatoxin B2     | 3.14      | 9.51      | 20          | ND            |
| Aflatoxin G1     | 3.14      | 9.51      | 20          | ND            |
| Aflatoxin G2     | 3.14      | 9.51      | 20          | ND            |
| Total Aflatoxins | 3.14      | 9.51      | 20          | ND            |
| Ochratoxin A     | 3.14      | 9.51      | 20          | ND            |

Report Notes: N/A

Jen Bodine  
Lab Director

Smithers CTS Ohio LLC  
2040 Fairwood Ave  
Columbus, OH 43207  
(330) 842-6553



NT= Not Tested, ND= Not Detected, NR= Not Reported, LOD= Limit of Detection, LOQ= Limit of Quantitation. This product was sampled by Smithers CTS Ohio LLC according to SOP Lab-12 and was tested by Smithers CTS Ohio LLC using valid testing methodologies under a quality system as required by state law. "Pass" / "Fail" determinations are per published MMCP Contaminant Thresholds. Smithers CTS Ohio LLC makes no claims as to the efficacy, safety, or other risks associated with any detected or non-detected level of any compounds reported herein. Values reported relate only to the product tested as identified above and Smithers CTS Ohio LLC is responsible for the data provided. This Certificate must not be altered, and shall not be reproduced except in full, without the written approval of Smithers CTS Ohio LLC.



Mother Grows Best  
1851 Steinway Blvd. SE  
Canton, OH 44707  
License #: CCP000034-00  
Sample ID: 2605ML0483.3251  
METRC Sample ID: 1A40703000020D1000051690



CERTIFICATE OF ANALYSIS  
Laboratory License #: CCL000012-00

Heavy Metals

Pass

Sample Analysis  
Sample Prep Date: 05/08/2026  
Sample Analysis Date: 05/11/2026  
Analyzed By: ICP-MS  
SOP: SOP LAB-03

| Analyte | LOD (ppm) | LOQ (ppm) | Limit (ppm) | Results (ppm) |
|---------|-----------|-----------|-------------|---------------|
| Arsenic | 0.0801    | 0.239     | 0.42        | ND            |
| Cadmium | 0.0500    | 0.146     | 0.27        | ND            |
| Mercury | 0.0604    | 0.187     | 0.87        | ND            |
| Lead    | 0.0635    | 0.187     | 0.87        | ND            |

Microbial Impurities

Pass

Sample Analysis  
Sample Prep Date: 05/07/2026  
Sample Analysis Date: 05/10/2026  
Analyzed By: Hardy CompactDry Plates  
SOP: SOP LAB-04

| 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         | 442             |
| Salmonella spp.                            | Detected      | Not Detected    |
| STEC                                       | Detected      | Not Detected    |

Report Notes: N/A

Jen Bodine  
Lab Director

Smithers CTS Ohio LLC  
2040 Fairwood Ave  
Columbus, OH 43207  
(330) 842-6553



NT= Not Tested, ND= Not Detected, NR= Not Reported, LOD= Limit of Detection, LOQ= Limit of Quantitation. This product was sampled by Smithers CTS Ohio LLC according to SOP Lab-12 and was tested by Smithers CTS Ohio LLC using valid testing methodologies under a quality system as required by state law. "Pass" / "Fail" determinations are per published MMCP Contaminant Thresholds. Smithers CTS Ohio LLC makes no claims as to the efficacy, safety, or other risks associated with any detected or non-detected level of any compounds reported herein. Values reported relate only to the product tested as identified above and Smithers CTS Ohio LLC is responsible for the data provided. This Certificate must not be altered, and shall not be reproduced except in full, without the written approval of Smithers CTS Ohio LLC.