



True North Analytical  
2656 Patton Road  
Roseville, MN 55113

(612) 497-9626  
https://truenorthanalytical.com  
Lic# TF-L25-000014-02-TST

Regulatory Compliance Testing

1 of 4

## Item Name: Octane Mintz (Whole Buds)

METRC Sample: 1A4140300003C2A000000233; METRC Batch: ; METRC Manifest #: 0000400902

Initial Test

Sample ID: 2607TNA0277.0947

Produced: 07/06/2026

Client

Strain: Octane Mintz

Collected: 07/29/2026

Trailhead Cannabis

Matrix: Plant

Received: 07/30/2026

Lic. # MICRO-L25-000917

Type: Flower - Cured

Completed: 08/13/2026

17951 MN-371

Sample Size: 40.94 g; Batch:

Batch#:

Brainerd, MN 56401



### Summary

| Test           | Date Tested | Result            |
|----------------|-------------|-------------------|
| Batch          |             | Pass              |
| Cannabinoids   | 08/10/2026  | Complete          |
| Moisture       | 08/07/2026  | 8.770% - Complete |
| Water Activity | 08/07/2026  | 0.599 aw - Pass   |
| Terpenes       | 08/10/2026  | Complete          |
| Microbials     | 08/07/2026  | Pass              |
| Mycotoxins     | 08/07/2026  | Pass              |
| Pesticides     | 08/07/2026  | Pass              |
| Heavy Metals   | 08/10/2026  | Pass              |
| Foreign Matter | 08/06/2026  | Pass              |

### Cannabinoids

Complete

| 16.1%           |       | ND                      |        | 19.9%              |  |
|-----------------|-------|-------------------------|--------|--------------------|--|
| Total THC       |       | Total CBD               |        | Total Cannabinoids |  |
| Analyte         | LOQ   | Measurement Uncertainty | Result | Result             |  |
|                 | %     | %                       | %      | mg/g               |  |
| THCa            | 0.288 | 0.610                   | 17.9   | 179                |  |
| $\Delta^9$ -THC | 0.288 | 0.0129                  | 0.379  | 3.79               |  |
| $\Delta^8$ -THC | 0.288 | 0.00                    | <LOQ   | <LOQ               |  |
| THCVa           | 0.288 | 0.0251                  | 0.739  | 7.39               |  |
| THCV            | 0.288 | 0.00                    | <LOQ   | <LOQ               |  |
| CBDa            | 0.288 | 0.00                    | <LOQ   | <LOQ               |  |
| CBD             | 0.288 | 0.00                    | <LOQ   | <LOQ               |  |
| CBDVa           | 0.288 | 0.00                    | <LOQ   | <LOQ               |  |
| CBDV            | 0.288 | 0.00                    | <LOQ   | <LOQ               |  |
| CBN             | 0.288 | 0.00                    | <LOQ   | <LOQ               |  |
| CBGa            | 0.288 | 0.0185                  | 0.543  | 5.43               |  |
| CBG             | 0.288 | 0.00                    | <LOQ   | <LOQ               |  |
| CBCa            | 0.288 | 0.0132                  | 0.389  | 3.89               |  |
| CBC             | 0.288 | 0.00                    | <LOQ   | <LOQ               |  |
| Total           |       |                         | 19.9   | 200                |  |

Date Prepared: 08/10/2026, Date Tested: 08/10/2026

1 Unit = 0.000g

Total THC = % $\Delta^9$ -THC + (%THCa x 0.877)

Total CBD = %CBD + (%CBDA x 0.877)

Total Cannabinoids = Sum of all compounds.

Refer to Cannabis Technical Authority: Standards for Sampling and Testing Cannabis and Hemp Products Section VII for full cannabinoid names.

Analysis performed as described in SOP-0169, Analyst: ATM

Mass Analyzed (g): 0.2083

8.770%

Complete

Moisture Content

Analyst: LAH

Date Tested/ Prepared: 08/07/2026

Mass Analyzed (g): 0.319

0.599 aw

Pass

MU: 0.00371566

Water Activity

Analyst: LAH

Date Tested/ Prepared: 08/07/2026

Mass Analyzed (g): 0.319

Pass

Foreign Matter

Analyst: MJTR

Date Tested/ Prepared: 08/06/2026

Mass Analyzed (g): 14.37



*Zachary D. Remillard*

Zachary Remillard  
Director of Chemistry  
08/13/2026

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Regulatory Compliance Testing

2 of 4

## Item Name: Octane Mintz (Whole Buds)

METRC Sample: 1A4140300003C2A000000233; METRC Batch: ; METRC Manifest #: 0000400902

Initial Test

|                              |                       |                         |
|------------------------------|-----------------------|-------------------------|
| Sample ID: 2607TNA0277.0947  | Produced: 07/06/2026  | Client                  |
| Strain: Octane Mintz         | Collected: 07/29/2026 | Trailhead Cannabis      |
| Matrix: Plant                | Received: 07/30/2026  | Lic. # MICRO-L25-000917 |
| Type: Flower - Cured         | Completed: 08/13/2026 | 17951 MN-371            |
| Sample Size: 40.94 g; Batch: | Batch#:               | Brainerd, MN 56401      |

## Terpenes

| Analyte                  | LOQ    | Measurement Uncertainty | Result | Result |
|--------------------------|--------|-------------------------|--------|--------|
|                          | %      | %                       | %      | mg/g   |
| $\beta$ -Caryophyllene   | 0.0234 | 0.0369                  | 0.636  | 6.36   |
| $\alpha$ -Humulene       | 0.0234 | 0.0138                  | 0.238  | 2.38   |
| $\beta$ -Myrcene         | 0.0234 | 0.00883                 | 0.152  | 1.52   |
| $\delta$ -Limonene       | 0.0234 | 0.00644                 | 0.111  | 1.11   |
| (-)- $\alpha$ -Bisabolol | 0.0234 | 0.00402                 | 0.0692 | 0.692  |
| Linalool                 | 0.0234 | 0.00339                 | 0.0584 | 0.584  |
| Ocimene                  | 0.0234 |                         | 0.0305 | 0.305  |
| $\beta$ -Pinene          | 0.0234 | 0.00172                 | 0.0297 | 0.297  |
| 3-Carene                 | 0.0234 | 0.00                    | <LOQ   | <LOQ   |
| $\alpha$ -Pinene         | 0.0234 | 0.000731                | <LOQ   | <LOQ   |
| $\alpha$ -Terpinene      | 0.0234 | 0.00                    | <LOQ   | <LOQ   |
| Camphene                 | 0.0234 | 0.000224                | <LOQ   | <LOQ   |
| Caryophyllene Oxide      | 0.0234 | 0.00                    | <LOQ   | <LOQ   |
| Eucalyptol               | 0.0234 | 0.00                    | <LOQ   | <LOQ   |
| $\gamma$ -Terpinene      | 0.0234 | 0.00                    | <LOQ   | <LOQ   |
| Geraniol                 | 0.0234 | 0.00105                 | <LOQ   | <LOQ   |
| Guaiol                   | 0.0234 | 0.00                    | <LOQ   | <LOQ   |
| Nerolidol                | 0.0234 |                         | <LOQ   | <LOQ   |
| (-)-Isopulegol           | 0.0234 | 0.000919                | <LOQ   | <LOQ   |
| p-Cymene                 | 0.0234 | 0.00                    | <LOQ   | <LOQ   |
| Terpinolene              | 0.0234 | 0.00                    | <LOQ   | <LOQ   |
| Total                    |        |                         | 1.325  | 13.248 |

Date Prepared: 08/10/2026, Date Tested: 08/10/2026

Analysis performed as described in SOP-0170. a-Bisabolol, b-Caryophyllene, Guaiol, Nerolidol, Eucalyptol are reported as estimates.

Analyst: TA

Mass Analyzed (g): 0.2083

## Primary Aromas

|                                                                                                 |                                                                                             |                                                                                              |                                                                                                    |                                                                                                   |
|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| <br>Cinnamon | <br>Hops | <br>Lemon | <br>Chamomile | <br>Lavender |
|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|



  
Zachary Remillard  
Director of Chemistry  
08/13/2026

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Strain: Octane Mintz

Collected: 07/29/2026

Trailhead Cannabis

Matrix: Plant

Received: 07/30/2026

Lic. # MICRO-L25-000917

Type: Flower - Cured

Completed: 08/13/2026

17951 MN-371

Sample Size: 40.94 g; Batch:

Batch#:

Brainerd, MN 56401

### Pesticides

Pass

| Test Type            | LOQ    | Limit | Measurement Uncertainty | Mass | Status | Test Type       | LOQ    | Limit | Measurement Uncertainty | Mass | Status |
|----------------------|--------|-------|-------------------------|------|--------|-----------------|--------|-------|-------------------------|------|--------|
|                      | PPM    | PPM   | PPM                     | PPM  |        |                 | PPM    | PPM   | PPM                     | PPM  |        |
| Abamectin            | 0.400  | 0.5   | 0.00                    | <LOQ | Pass   | Fludioxonil     | 0.200  | 0.4   | 0.00                    | <LOQ | Pass   |
| Acephate             | 0.200  | 0.4   | 0.00                    | <LOQ | Pass   | Hexythiazox     | 0.400  | 1     | 0.00                    | <LOQ | Pass   |
| Acequinocyl          | 1.00   | 2     | 0.00                    | <LOQ | Pass   | Imazalil        | 0.0800 | 0.2   | 0.00                    | <LOQ | Pass   |
| Acetamiprid          | 0.0800 | 0.2   | 0.00                    | <LOQ | Pass   | Imidacloprid    | 0.200  | 0.4   | 0.00                    | <LOQ | Pass   |
| Azadirachtin         | 0.400  | 1     | 0.00                    | <LOQ | Pass   | Kresoxim        | 0.200  | 0.4   | 0.00                    | <LOQ | Pass   |
| Azoxystrobin         | 0.0800 | 0.2   | 0.00                    | <LOQ | Pass   | Methyl          | 0.200  | 0.4   | 0.00                    | <LOQ | Pass   |
| Bifenazate           | 0.0800 | 0.2   | 0.00                    | <LOQ | Pass   | Malathion       | 0.0800 | 0.2   | 0.00                    | <LOQ | Pass   |
| Bifenthrin           | 0.0800 | 0.2   | 0.00                    | <LOQ | Pass   | Metalaxyl       | 0.0800 | 0.2   | 0.00                    | <LOQ | Pass   |
| Boscalid             | 0.200  | 0.4   | 0.00                    | <LOQ | Pass   | Methiocarb      | 0.0800 | 0.2   | 0.00                    | <LOQ | Pass   |
| Carbaryl             | 0.0800 | 0.2   | 0.00                    | <LOQ | Pass   | Methomyl        | 0.200  | 0.4   | 0.00                    | <LOQ | Pass   |
| Chlorantraniliprole  | 0.0800 | 0.2   | 0.00                    | <LOQ | Pass   | Myclobutanil    | 0.0800 | 0.2   | 0.00                    | <LOQ | Pass   |
| Chlorfenapyr         | 0.400  | 1     | 0.00                    | <LOQ | Pass   | Naled           | 0.400  | 0.5   | 0.00                    | <LOQ | Pass   |
| Chlormequat chloride | 0.0800 | 0.2   | 0.00                    | <LOQ | Pass   | Oxamyl          | 0.400  | 1     | 0.00                    | <LOQ | Pass   |
| Chlorpyrifos         | 0.0800 | 0.2   | 0.00                    | <LOQ | Pass   | Paclobutrazol   | 0.200  | 0.4   | 0.00                    | <LOQ | Pass   |
| Clofentazine         | 0.0800 | 0.2   | 0.00                    | <LOQ | Pass   | Permethrins     | 0.200  | 0.3   | 0.00                    | <LOQ | Pass   |
| Cyfluthrin           | 0.400  | 1     | 0.000821                | <LOQ | Pass   | Phosmet         | 0.0800 | 0.2   | 0.00                    | <LOQ | Pass   |
| Cypermethrin         | 0.400  | 1     | 0.0000956               | <LOQ | Pass   | Piperonyl       | 1.00   | 2     | 0.00                    | <LOQ | Pass   |
| Daminozide           | 0.400  | 1     | 0.00                    | <LOQ | Pass   | Butoxide        |        |       |                         |      |        |
| Diazinon             | 0.0400 | 0.2   | 0.00                    | <LOQ | Pass   | Prallethrin     | 0.0800 | 0.2   | 0.00                    | <LOQ | Pass   |
| Dichlorvos           | 0.0800 | 0.1   | 0.00                    | <LOQ | Pass   | Propiconazole   | 0.200  | 0.4   | 0.00                    | <LOQ | Pass   |
| Dimethoate           | 0.0800 | 0.2   | 0.00                    | <LOQ | Pass   | Propoxur        | 0.0800 | 0.2   | 0.00                    | <LOQ | Pass   |
| Etofenprox           | 0.200  | 0.4   | 0.00                    | <LOQ | Pass   | Pyrethrins      | 0.400  | 1     | 0.000757                | <LOQ | Pass   |
| Etoxazole            | 0.0800 | 0.2   | 0.00                    | <LOQ | Pass   | Pyridaben       | 0.0800 | 0.2   | 0.00                    | <LOQ | Pass   |
| Fenoxycarb           | 0.0800 | 0.2   | 0.00                    | <LOQ | Pass   | Spinosad        | 0.0800 | 0.2   | 0.00                    | <LOQ | Pass   |
| Fenpyroximate        | 0.200  | 0.4   | 0.00                    | <LOQ | Pass   | Spiromesifen    | 0.100  | 0.2   | 0.00                    | <LOQ | Pass   |
| Fipronil             | 0.200  | 0.4   | 0.00                    | <LOQ | Pass   | Spirotetramat   | 0.0800 | 0.2   | 0.00                    | <LOQ | Pass   |
| Fonicamid            | 0.400  | 1     | 0.00                    | <LOQ | Pass   | Tebuconazole    | 0.200  | 0.4   | 0.00                    | <LOQ | Pass   |
|                      |        |       |                         |      |        | Thiamethoxam    | 0.0800 | 0.2   | 0.00                    | <LOQ | Pass   |
|                      |        |       |                         |      |        | Trifloxystrobin | 0.0800 | 0.2   | 0.00                    | <LOQ | Pass   |

Date Prepared: 08/07/2026, Date Tested: 08/07/2026

Analysis performed as described in SOP-0171.

Analyst: AJW

Mass Analyzed (g): 0.6288

### Mycotoxins

Pass

| Test Type        | LOQ   | Limit | Measurement Uncertainty | Mass | Status |
|------------------|-------|-------|-------------------------|------|--------|
|                  | PPB   | PPB   | PPB                     | PPB  |        |
| B1               | 0.100 | 5     | 0.00                    | <LOQ | Pass   |
| B2               | 0.200 | 20    | 0.00                    | <LOQ | Pass   |
| G1               | 0.200 | 20    | 0.00                    | <LOQ | Pass   |
| G2               | 0.200 | 20    | 0.00                    | <LOQ | Pass   |
| Ochratoxin A     | 0.200 | 20    | 0.00                    | <LOQ | Pass   |
| Total Aflatoxins |       | 20    |                         | <LOQ | Pass   |
| Total Mycotoxins |       | 20    |                         | <LOQ | Pass   |

Date Prepared: 08/07/2026, Date Tested: 08/07/2026

Analysis performed as described in SOP-0171.

Analyst: AJW

Mass Analyzed (g): 0.6288



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Director of Chemistry  
08/13/2026

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## Item Name: Octane Mintz (Whole Buds)

METRC Sample: 1A4140300003C2A000000233; METRC Batch: ; METRC Manifest #: 0000400902

Initial Test

|                              |                       |                         |
|------------------------------|-----------------------|-------------------------|
| Sample ID: 2607TNA0277.0947  | Produced: 07/06/2026  | Client                  |
| Strain: Octane Mintz         | Collected: 07/29/2026 | Trailhead Cannabis      |
| Matrix: Plant                | Received: 07/30/2026  | Lic. # MICRO-L25-000917 |
| Type: Flower - Cured         | Completed: 08/13/2026 | 17951 MN-371            |
| Sample Size: 40.94 g; Batch: | Batch#:               | Brainerd, MN 56401      |

## Heavy Metals

Pass

| Test Type | LOQ    | Limit | Measurement Uncertainty | Mass | Status |
|-----------|--------|-------|-------------------------|------|--------|
|           | PPM    | PPM   | PPM                     | PPM  |        |
| Arsenic   | 0.100  | 0.2   | 0.00140                 | <LOQ | Pass   |
| Cadmium   | 0.100  | 0.2   | 0.000461                | <LOQ | Pass   |
| Lead      | 0.100  | 0.5   | 0.00140                 | <LOQ | Pass   |
| Mercury   | 0.0500 | 0.1   | 0.000174                | <LOQ | Pass   |

Date Prepared: 08/10/2026, Date Tested: 08/10/2026  
Analysis performed as described in SOP-0172.  
Analyst: AJW  
Mass Analyzed (g): 0.562

## Microbials

Pass

| Test Type           | Analysis By | Limit  | Measurement Uncertainty | Mass         | Status |
|---------------------|-------------|--------|-------------------------|--------------|--------|
|                     |             | CFU/g  |                         | CFU/g        |        |
| Aerobic Bacteria    | PCR         | 100000 | 7.60                    | 10700        | Pass   |
| Aspergillus SPP     | PCR         | 0      |                         | Not Detected | Pass   |
| Enterobacteriaceae  | Petrifilm   | 1000   | 4.10                    | ND           | Pass   |
| Salmonella          | PCR         | 0      |                         | Not Detected | Pass   |
| Shiga Toxin E. Coli | PCR         | 0      |                         | Not Detected | Pass   |
| Yeast & Mold        | PCR         | 100000 | 7.40                    | 18200        | Pass   |

Date Prepared: 07/30/2026, Date Tested: 08/07/2026  
Aspergillus spp. includes Aspergillus niger, Aspergillus flavus, Aspergillus fumigatus, Aspergillus terreus. Procedures followed SOP-0166, SOP-0167, SOP-0168, and SOP-0175. Measurement of Uncertainty is a percentage of the reported value.  
Analyst: TAYLOR THOMPSON  
Analytical Batch ID: NPL-081026-A, NP-081126-A, SSAF-081126-A, PCR-081126-A  
Nonpathogenic Weight (g): 20.24, Salmonella and STEC Weight (g): 9.67g, Aspergillus Weight (g): 9.67



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