



Testing Facility License #: TF-A25-000006-01

CERTIFICATE NUMBER: 2602028003

### SAMPLE DETAILS

|              |                  |                        |            |                                |               |
|--------------|------------------|------------------------|------------|--------------------------------|---------------|
| PRODUCT TYPE | Cannabis         | MANIFEST NUMBER        | 0000079113 | REQUEST NUMBER:                | MCBR-2602-028 |
| SAMPLE NAME: | Cherry Purgatory | DATE COLLECTED:        | NA         | SAMPLES ACCEPTED INTO TEST ON: | 27-Feb-26     |
| MATRIX TYPE: | Infused Pre-Roll | DATE RECEIVED IN METRC | 24-Feb-26  | DATE ASSIGNED TO THE LAB:      | 27-Feb-26     |

|                                           |                                                  |                                         |
|-------------------------------------------|--------------------------------------------------|-----------------------------------------|
| SAMPLE DETAILS                            | TESTED FOR:                                      | ANALYSIS TYPE: (Check all that applies) |
| FULL TAG NUMBER: 1A45003000005DD000001703 | BUSINESS NAME North Star Canna LLC               | R&D NO (YES/NO)                         |
| LAST 4 DIGITS TAG NUMBER: 1703            | ADDRESS 16720 200th St. E.<br>Hastings, MN 55033 | COMPLIANCE YES (YES/NO)                 |
| STRAIN ID/BATCH NUMBER: LSCCP22426        | LICENSE NUMBER ML0001                            | REANALYSIS NO (YES/NO)                  |
| LAB SAMPLE ID: 2602028-003                |                                                  | RETEST NO (YES/NO)                      |
| LAB SAMPLE SIZE: 40x1g Pre-Roll           |                                                  |                                         |

### CANNABINOID ANALYSIS - Summary

|                                     |        |                                                                                                                                                                                                                                                                    |
|-------------------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TOTAL THC CONTENT (%)               | 19.773 | Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:<br>Total THC (Δ9-THC + (0.877*THCa))                                                                                   |
| TOTAL CBD CONTENT (%)               | 0.044  | Total CBD (CBD + (0.877*CBDA))                                                                                                                                                                                                                                     |
| TOTAL OTHER KNOWN CANNABINOIDS: (%) | 1.224  | Total Other Known Cannabinoids = [Total CBG (CBG + 0.877*CBGa)] + [Total THCV (THCV + 0.877*THCVa)] + [Total CBC (CBC + 0.877*CBCa)] + [Total CBDV (CBDV + 0.877*CBDVa)] + ... for the remaining 12 targeted cannabinoids, not including THC, THCA, CBD, CBDA.     |
| TOTAL UNKNOWN SUBSTANCES: (%)       | 0.534  | Means unidentified, tentatively identified, or unknown cannabinoids or related substances that not among the 14 targeted cannabinoids. Total Unknown Compounds have estimated concentration determined based on peak area comparison to the CBD calibration curve. |

### SAFETY ANALYSIS - Summary

|                            |          |
|----------------------------|----------|
| Potency                    | TESTED   |
| Heavy Metals               | PASS     |
| Microbiology               | NOT PASS |
| Water Activity             | PASS     |
| Foreign Particulate Matter | NT       |
| Residual Solvents          | NT       |
| Mycotoxins                 | PASS     |
| Pesticides                 | PASS     |
| Terpenes                   | NT       |
| Homogeneity Testing        | NT       |
| Stability Testing          | NT       |

For quality assurance purposes. These results relate only to the samples included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.  
Sample Certification: XXX

**Decision Rule:** Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications. FAIL - Results exceed limits/specifications.  
All specifications/limits for Pass/Fail are referenced from Minnesota OCM, Technical Authority: Standards and Sampling, current version.  
**References:** limits of detection (LOD), limits of qualifications (LOQ), not detected (ND), not tested (NT)  
µg/g = ppm, µg/kg = ppb, too numerous to count > 250cfu/plate (TNTC), colony forming unit (cfu)  
**Disclaimer:** Not all potential hazards were evaluated.  
**Note:** Test Results apply to Samples as received.

APPROVAL BY: Henry Larmie, PHD  
JOB TITLE: CEO  
DATE: 14 APR 2026  
SIGNATURE:

RELEASED BY: Zarrar Khan  
JOB TITLE: QAC II  
DATE: 14 APR 2026  
SIGNATURE:



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CERTIFICATE NUMBER: 2602028003

DATE ISSUED 14 APR 2026

REVISION # 1.0

REQUEST NO.: MCBR-2602-028

SAMPLE NAME: Cherry Purgatory

LAST 4 DIGITS TAG NO.: 1703

MANIFEST NO.: 0000079113

LAB SAMPLE ID: 2602028-003

STRAIN/BATCH NO.: LSCCP22426



Cannabinoid Analysis

TEST INITIATED ON 3-Apr-26 TEST COMPLETED ON 8-Apr-26

Tested by high-performance liquid chromatography with uv detection (HPLC-UV).

TEST METHOD: CLTM-MCB11  
REVISION NO.: 1.0

TEST SAMPLE AMOUNT 0.6 g

ORIGINAL TEST ☒  
RE-ANALYSIS ☐  
REMEDATION ☐

NOTEBOOK REF. NO. NB 20190 p. 13

| KNOWN CANNABINOIDS:<br>Name | CANNABINOID<br>Abbreviation | RRT<br>(wrt THC) | MEASUREMENT<br>UNCERTAINTY (%) | LOD/LOQ     | RESULT<br>(%) |
|-----------------------------|-----------------------------|------------------|--------------------------------|-------------|---------------|
| Δ9Tetrahydrocannabinol      | Δ9THC                       | 1.000            | NA                             | NA          | 13.594        |
| Tetrahydrocannabinolic acid | THCa                        | 1.170            | NA                             | NA          | 6.139         |
| Cannabidiol                 | CBD                         | 0.760            | NA                             | 0.012/0.039 | 0.044         |
| Cannabidiolic acid          | CBDa                        | 0.701            | NA                             | 0.012/0.039 | ND            |
| Cannabidivarinic acid       | CBDVA                       | 0.463            | NA                             | 0.012/0.039 | ND            |
| Cannabidivarin              | CBDV                        | 0.494            | NA                             | 0.012/0.039 | ND            |
| Tetrahydro-cannabivarin     | THCV                        | 0.739            | NA                             | 0.012/0.039 | 0.084         |
| Cannabigerol                | CBG                         | 0.780            | NA                             | 0.012/0.039 | 0.312         |
| Cannabigerolic Acid         | CBGA                        | 0.820            | NA                             | 0.012/0.039 | 0.187         |
| Tetrahydrocannabivarin acid | THCVa                       | 0.912            | NA                             | 0.012/0.039 | 0.041         |
| Cannabinol                  | CBN                         | 0.934            | NA                             | 0.012/0.039 | 0.361         |
| Δ8Tetrahydrocannabinol      | Δ8THC                       | 1.019            | NA                             | 0.012/0.039 | ND            |
| Cannabichromene             | CBC                         | 1.110            | NA                             | 0.012/0.039 | 0.152         |
| Cannabichromenic acid       | CBCa                        | 1.224            | NA                             | 0.012/0.039 | 0.089         |

TOTAL THC/THCA 19.733%  
Total THC = (Δ9 - THC + (0.877\*THCa))

TOTAL CBD/CBDA 0.044%  
Total CBD =(CBD+(0.877\*CBDa))

TARGET LIMIT: REPORT RESULTS

TOTAL OTHER KNOWN CANNABINOIDS : 1.224 %  
Sum of all known (identified) cannabinoids not including THC/THCA, CBD/CBDA

TOTAL UNKNOWN SUBSTANCES: 0.534 %  
Sum of unidentified, tentatively Identified, unknown cannabinoids or related substances

CANNABINOID PURITY NT  
The ratio by weight of delta-9-THC to all other artificially derived cannabinoids must be no less than 20 to 1 (at least 95% delta-9-THC)



Water Activity Analysis

Water activity analysis conducted via water activity meter

TEST METHOD NO.: CLTM-MCB10  
REVISION NO.: 3.0

NOTEBOOK REF. NO. 20174, pg. 65

TEST INITIATED ON: 10-Mar-26 TEST COMPLETED ON: 10-Mar-26

| TEST           | LOD/LOQ<br>(aw) | ACTION LIMIT<br>(aw) | MEASUREMENT<br>UNCERTAINTY (aw) | RESULT<br>(aw) | PASS/FAIL |
|----------------|-----------------|----------------------|---------------------------------|----------------|-----------|
| Water Activity | 0.25/0.50       | 0.65                 | ±0.004                          | 0.263          | PASS      |

TEST SAMPLE AMOUNT 0.8506 g

☒ ORIGINAL TEST ☐ RE-ANALYSIS ☐ RE-TEST



## CERTIFICATE OF ANALYSIS

Testing Facility License #: TF-A25-000006-01

CERTIFICATE NUMBER

2602028003

DATE ISSUED

14 APR 2026

REVISION #

1.0

REQUEST NO.: MCBR-2602-028

SAMPLE NAME: Cherry Purgatory

LAST 4 DIGITS TAG NO.: 1703

MANIFEST NO.: 0000079113

LAB SAMPLE ID: 2602028-003

STRAIN/BATCH NO.: LSCCP22426



## Pesticide Analysis

## PESTICIDE TEST RESULTS:

10-Apr-26

Pesticide and plant growth regulator analysis  
utilizing high-performance liquid  
chromatography-mass spectrometry (LC-MS/MS)

TEST METHOD: CLTM-MCB23

REVISION NO. 2.0

TEST SAMPLE AMOUNT: 0.5 g

NOTEBOOK REF. NO. 20182 p. 68

ORIGINAL TEST ☒RE-ANALYSIS ☐REMEDIATION TEST ☐

## Additional Notes:

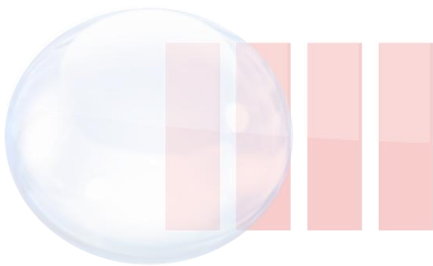
All analytes tested per variance

a,b includes isomers

\* Tested per variance, estimated concentrations

ND - Not detected

| COMPOUND                 | LOD/LOQ<br>(ppm) | ACTION LIMIT<br>(ppm) | MEASUREMENT<br>UNCERTAINTY (ppm) | RESULT<br>(ppm) | PASS/FAIL |
|--------------------------|------------------|-----------------------|----------------------------------|-----------------|-----------|
| Abamectin                | 0.05/0.1         | 0.5                   | 0.005                            | ND              | PASS      |
| Acephate                 | 0.02/0.05        | 0.4                   | 0.0025                           | ND              | PASS      |
| Acequinocyl              | 0.02/0.01        | 2.0                   | 0.0005                           | <LOD            | PASS      |
| Acetamiprid              | 0.01/0.01        | 0.2                   | 0.0005                           | ND              | PASS      |
| Azadirachtin*            | 0.1/0.25         | 1.0                   | 0.0125                           | ND              | PASS      |
| Azoxystrobin             | 0.01/0.02        | 0.2                   | 0.001                            | ND              | PASS      |
| Bifenazate               | 0.02/0.05        | 0.2                   | 0.0025                           | ND              | PASS      |
| Bifenthrin               | 0.01/0.05        | 0.2                   | 0.0025                           | ND              | PASS      |
| Boscalid                 | 0.02/0.05        | 0.4                   | 0.0025                           | ND              | PASS      |
| Carbaryl                 | 0.01/0.02        | 0.2                   | 0.001                            | ND              | PASS      |
| Chlorantraniliprole      | 0.01/0.02        | 0.2                   | 0.001                            | ND              | PASS      |
| Chlorfenapyr             | 0.1/0.25         | 1.0                   | 0.0125                           | ND              | PASS      |
| Chlormequat Chloride     | 0.1/0.1          | 0.2                   | 0.005                            | ND              | PASS      |
| Clorpyrifos (Dursban)    | 0.02/0.05        | 0.2                   | 0.0025                           | ND              | PASS      |
| Clofentezine             | 0.02/0.05        | 0.2                   | 0.0025                           | <LOD            | PASS      |
| Cyfluthrin               | 0.1/0.25         | 1.0                   | 0.0125                           | <LOD            | PASS      |
| Cypermethrin             | 0.05/0.1         | 1.0                   | 0.005                            | ND              | PASS      |
| Daminozide*              | 0.05/0.1         | 1.0                   | 0.005                            | ND              | PASS      |
| Diazinon                 | 0.01/0.02        | 0.1                   | 0.001                            | ND              | PASS      |
| Dichlorvos (DDVP)        | 0.02/0.05        | 0.2                   | 0.0025                           | ND              | PASS      |
| Dimethoate               | 0.05/0.1         | 0.2                   | 0.005                            | ND              | PASS      |
| Etofenprox               | 0.02/0.05        | 0.4                   | 0.0025                           | <LOD            | PASS      |
| Etoxazole                | 0.02/0.05        | 0.2                   | 0.0025                           | <LOD            | PASS      |
| Fenoxycarb               | 0.01/0.02        | 0.2                   | 0.001                            | ND              | PASS      |
| Fenproximate             | 0.02/0.05        | 0.4                   | 0.0025                           | <LOD            | PASS      |
| Fipronil                 | 0.05/0.1         | 0.4                   | 0.005                            | ND              | PASS      |
| Flonicamid               | 0.05/0.1         | 1.0                   | 0.005                            | ND              | PASS      |
| Fludioxonil              | 0.1/0.1          | 0.4                   | 0.005                            | ND              | PASS      |
| Hexythiazox              | 0.02/0.05        | 1.0                   | 0.0025                           | ND              | PASS      |
| Imazalil                 | 0.05/0.1         | 0.2                   | 0.005                            | ND              | PASS      |
| Imidacloprid             | 0.05/0.1         | 0.4                   | 0.005                            | ND              | PASS      |
| Kresoxim-methyl          | 0.01/0.02        | 0.4                   | 0.001                            | ND              | PASS      |
| Malathion                | 0.01/0.02        | 0.2                   | 0.001                            | ND              | PASS      |
| Metalaxyl                | 0.02/0.05        | 0.2                   | 0.0025                           | ND              | PASS      |
| Methiocarb               | 0.01/0.02        | 0.2                   | 0.001                            | ND              | PASS      |
| Methomyl                 | 0.01/0.02        | 0.4                   | 0.001                            | ND              | PASS      |
| Myclobutanil             | 0.02/0.1         | 0.2                   | 0.005                            | ND              | PASS      |
| Naled                    | 0.05/0.1         | 0.5                   | 0.005                            | ND              | PASS      |
| Oxamyl                   | 0.01/0.02        | 1.0                   | 0.001                            | ND              | PASS      |
| Paclobutrazol            | 0.01/0.02        | 0.4                   | 0.001                            | ND              | PASS      |
| Permethrins <sup>a</sup> | 0.05/0.1         | 0.3                   | 0.005                            | <LOD            | PASS      |
| Phosmet                  | 0.01/0.02        | 0.2                   | 0.001                            | ND              | PASS      |
| Piperonyl Butoxide       | 0.02/0.05        | 2.0                   | 0.0025                           | ND              | PASS      |
| Prallethrin              | 0.02/0.05        | 0.2                   | 0.0025                           | ND              | PASS      |
| Propiconazole            | 0.05/0.1         | 0.4                   | 0.005                            | ND              | PASS      |
| Propoxur                 | 0.02/0.05        | 0.2                   | 0.0025                           | ND              | PASS      |
| Pyrethrins <sup>b</sup>  | 0.02/0.05        | 1.0                   | 0.0025                           | ND              | PASS      |
| Pyridaben                | 0.02/0.05        | 0.2                   | 0.0025                           | ND              | PASS      |
| Spinosad*                | 0.05/0.1         | 0.2                   | 0.005                            | ND              | PASS      |
| Spiromesifen             | 0.02/0.05        | 0.2                   | 0.0025                           | ND              | PASS      |
| Spirotetramat            | 0.02/0.05        | 0.2                   | 0.0025                           | ND              | PASS      |
| Tebuconazole             | 0.02/0.05        | 0.4                   | 0.0025                           | ND              | PASS      |
| Thiamethoxam             | 0.02/0.05        | 0.2                   | 0.0025                           | ND              | PASS      |
| Trifloxystrobin          | 0.02/0.05        | 0.2                   | 0.0025                           | ND              | PASS      |





# CERTIFICATE OF ANALYSIS

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2602028003

DATE ISSUED

14 APR 2026

REVISION #

1.0

|               |               |                |                  |                        |            |
|---------------|---------------|----------------|------------------|------------------------|------------|
| REQUEST NO.:  | MCBR-2602-028 | SAMPLE NAME:   | Cherry Purgatory | LAST 4 DIGITS TAG NO.: | 1703       |
| MANIFEST NO.: | 0000079113    | LAB SAMPLE ID: | 2602028-003      | STRAIN/BATCH NO.:      | LSCCP22426 |



## HEAVY METALS ANALYSIS

### RESULTS:

TEST INITIATED ON

7-Apr-26

TEST COMPLETED ON

8-Apr-26

Heavy metals analysis by inductively coupled plasma-mass spectrometry (ICP-MS)

TEST METHOD: CLTM-MCB07  
REVISION NO. 4.0

NOTEBOOK REF. NO. 20185 p. 47

ORIGINAL TEST ☒  
RE-ANALYSIS ☐  
REMEDIATION TEST ☐

| COMPOUND | LOD/LOQ (ppm) | ACTION LIMIT (ppm) | MEASUREMENT UNCERTAINTY (ppm) | RESULT (ppm) | PASS/FAIL |
|----------|---------------|--------------------|-------------------------------|--------------|-----------|
|----------|---------------|--------------------|-------------------------------|--------------|-----------|

|         |          |     |      |     |      |
|---------|----------|-----|------|-----|------|
| Arsenic | 0.08/0.1 | 0.2 | 0.02 | ND  | PASS |
| Cadmium | 0.08/0.1 | 0.2 | 0.01 | ND  | PASS |
| Lead    | 0.08/0.1 | 0.5 | 0.02 | 0.2 | PASS |
| Mercury | 0.05/0.1 | 0.1 | 0.01 | ND  | PASS |

SAMPLE AMOUNT USED: 0.5268 g

### Comments:





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2602028003

DATE ISSUED

14 APR 2026

REVISION #

1.0

REQUEST NO.: MCBR-2602-028

SAMPLE NAME: Cherry Purgatory

LAST 4 DIGITS TAG NO.: 1703

MANIFEST NO.: 0000079113

LAB SAMPLE ID: 2602028-003

STRAIN/BATCH NO.: LSCCP22426



## MICROBIOLOGY ANALYSIS

## RESULTS:

TEST INITIATED ON

3-Mar-26

COMPLETED ON

6-Mar-26

Plate count analysis conducted by dilution and colony forming unit (CFU) enumeration for microbial contaminant isolation.

TEST METHOD

CLTM-MCB20

Revision No.

2.0

TEST METHOD

CLTM-MCB39

Revision No.

2.0

TEST METHOD

NT

Revision No.

NT



TEST METHOD

CLTM-MCB37

Revision No.

2.0

TEST METHOD

CLTM-MCB37

Revision No.

2.0

## MICROBIAL TARGET

SAMPLE AMOUNT  
(g)

ACTION LIMIT

RESULT

PASS/FAIL

|                                                  |    |                        |                        |         |
|--------------------------------------------------|----|------------------------|------------------------|---------|
| Salmonella                                       | 10 | Not detected in 10g    | Not Detected           | PASS    |
| Shiga toxin-producing Escherichia coli (O157:H7) | 10 | Not detected in 10g    | Detected               | FAIL    |
| Enterobacteriaceae                               | 1  | <10 <sup>3</sup> CFU/g | >10 <sup>3</sup> CFU/g | FAIL    |
|                                                  |    | ORIGINAL TEST          | RE-ANALYSIS            | RE-TEST |

## MICROBIAL TARGET

SAMPLE AMOUNT  
(g)

ACTION LIMIT

RESULT

PASS/FAIL

|                        |    |                     |              |         |
|------------------------|----|---------------------|--------------|---------|
| Aspergillus spp.       | 10 | Not detected in 10g | Not Detected | PASS    |
| Listeria monocytogenes | NA | NA                  | NA           | NT      |
|                        |    | ORIGINAL TEST       | RE-ANALYSIS  | RE-TEST |

## MICROBIAL TARGET

SAMPLE AMOUNT  
(g)

ACTION LIMIT

RESULT

PASS/FAIL

|                                      |   |                        |                             |         |
|--------------------------------------|---|------------------------|-----------------------------|---------|
| Total Aerobic Microbial Count (TAMC) | 1 | <10 <sup>5</sup> CFU/g | 4 x 10 <sup>4</sup> CFU/g   | PASS    |
| Total Yeast & Mold Count (TYMC)      | 1 | <10 <sup>5</sup> CFU/g | 1.5 x 10 <sup>4</sup> CFU/g | PASS    |
|                                      |   | ORIGINAL TEST          | RE-ANALYSIS                 | RE-TEST |

## Comments:

NOTEBOOK REF. NO. NB 20170 pg 80

NOTEBOOK REF. NO. NT



CERTIFICATE OF ANALYSIS

|                                              |               |                                |                  |                              |
|----------------------------------------------|---------------|--------------------------------|------------------|------------------------------|
| Testing Facility License #: TF-A25-000006-01 |               | CERTIFICATE NUMBER: 2602028003 |                  | DATE ISSUED 14 APR 2026      |
| REQUEST NO.:                                 | MCBR-2602-028 | SAMPLE NAME:                   | Cherry Purgatory | LAST 4 DIGITS TAG NO.: 1703  |
| MANIFEST NO.:                                | 0000079113    | LAB SAMPLE ID:                 | 2602028-003      | STRAIN/BATCH NO.: LSCCP22426 |



MYCOTOXIN ANALYSIS RESULTS: TEST INITIATED ON 08-Apr-26 COMPLETED ON 10-Apr-26

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS)

TEST METHOD: CLTM-MCB23  
REVISION NO. 2.0

TEST SAMPLE AMOUNT : 0.5 g

NOTEBOOK REF. NO. 20182 p.68

- ORIGINAL TEST☒
- RE-ANALYSIS☐
- REMEDIATION☐

| COMPOUND         | LOD/LOQ (ppb) | ACTION LIMIT (ppb) | MEASUREMENT UNCERTAINTY (ppb) | RESULT (ppb) | PASS/FAIL |
|------------------|---------------|--------------------|-------------------------------|--------------|-----------|
| Aflatoxin B1     | 4             | ≤ 5                | 0.2                           | ND           | PASS      |
| Aflatoxin B2     | 10            | ≤ 20               | 0.5                           | ND           | PASS      |
| Aflatoxin G1     | 10            | ≤ 20               | 0.5                           | ND           | PASS      |
| Aflatoxin G2     | 10            | ≤ 20               | 0.5                           | ND           | PASS      |
| Ochratoxin A     | 10            | ≤ 20               | 0.5                           | ND           | PASS      |
| Total Aflatoxins | 10            | ≤ 20               | 0.5                           | ND           | PASS      |

Additional Notes

All analytes tested per variance