



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



Cannabis Flower Quality Assurance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED 05 JUN 2026

CERTIFICATE NUMBER:

2604024003

REVISION #

2.0

SAMPLE DETAILS

PRODUCT TYPE	Cannabis	MANIFEST NUMBER	000088802	REQUEST NUMBER:	MCBR-2604-024
SAMPLE NAME:	Cherry Purgatory	DATE COLLECTED:	NA	SAMPLES ACCEPTED INTO TEST ON:	24-Apr-26
MATRIX TYPE:	Infused Kief Coated Pre-Roll	DATE RECEIVED IN METRC	22-Apr-26	DATE ASSIGNED TO THE LAB:	24-Apr-26

SAMPLE DETAILS

FULL TAG NUMBER:	1A45003000005DD000004842
LAST 4 DIGITS TAG NUMBER:	4842
STRAIN ID/BATCH NUMBER:	LSCCP22426
LAB SAMPLE ID:	2604024-003
LAB SAMPLE SIZE:	45 Pre-Rolls

TESTED FOR:

BUSINESS NAME	North Star Canna
ADDRESS	16720 200th St. E. Hastings, MN 55033
LICENSE NUMBER	ML0001

ANALYSIS TYPE: (Check all that applies)

R&D	NO	(YES/NO)
COMPLIANCE	YES	(YES/NO)
REANALYSIS	NO	(YES/NO)
RETEST	YES	(YES/NO)

CANNABINOID ANALYSIS - Summary

TOTAL THC CONTENT (%)	25.451
TOTAL CBD CONTENT (%)	0.052
TOTAL OTHER KNOWN CANNABINOIDS: (%)	1.570
TOTAL UNKNOWN SUBSTANCES: (%)	0.733

Reported Total THC (and other Total cannabinoids) values include the standard 0.877 conversion factor to account for the conversion of acidic cannabinoids (e.g., THCA) to their neutral forms (e.g., THC); no further calculation is required. The following are example calculations and definitions that have been applied;

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:

Total THC (Δ^9 -THC + $(0.877 \cdot \text{THCa})$)

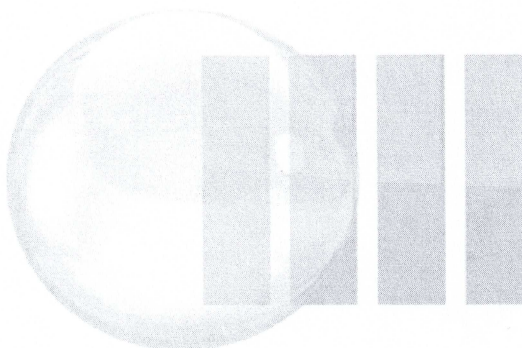
Total CBD ($\text{CBD} + (0.877 \cdot \text{CBDA})$)

Total Other Known Cannabinoids = $[\text{Total CBG} (\text{CBG} + 0.877 \cdot \text{CBGa}) + [\text{Total THCV} (\text{THCV} + 0.877 \cdot \text{THCVa}) + [\text{Total CBC} (\text{CBC} + 0.877 \cdot \text{CBCa}) + [\text{Total CBDV} (\text{CBDV} + 0.877 \cdot \text{CBDVa})] \dots]$ for the remaining 12 targeted cannabinoids, not including THC, THCA, CBD, CBDA.

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	NT
Microbiology	PASS
Water Activity	NT
Foreign Particulate Matter	NT
Residual Solvents	PASS
Mycotoxins	NT
Pesticides	NT
Terpenes	NT
Homogeneity Testing	NA
Stability Testing (Initial)	TESTED



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

APPROVAL BY: Henry Larmie, PHD

JOB TITLE: CEO

DATE: 05 JUN 2026

SIGNATURE:

RELEASED BY: Zarrar Khan

JOB TITLE: QAC II

DATE: 05 JUN 2026

SIGNATURE:

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)

$\mu\text{g/g}$ = ppm; $\mu\text{g/kg}$ = 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.



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REQUEST NO.:	MCBR-2604-024	SAMPLE NAME:	Cherry Purgatory	LAST 4 DIGITS TAG NO.: 4842		
MANIFEST NO.:	0000088802	LAB SAMPLE ID:	2604024-003	STRAIN/BATCH NO.: LSCCP22426		



Cannabinoid Analysis

TEST INITIATED ON 1-May-26

TEST COMPLETED ON 3-May-26

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

TEST METHOD: CLTM-MCB11
REVISION NO.: 1.0

TEST SAMPLE AMOUNT 1.3947 g
1.5787 g

ORIGINAL TEST ☒
RE-ANALYSIS ☐
REMEDICATION ☐

NOTEBOOK REF. NO. NB 20190 p. 24

KNOWN CANNABINOIDS: Name	CANNABINOID Abbreviation	RRT (wrt THC)	MEASUREMENT UNCERTAINTY (%)	LOD/LOQ	*RESULT (%)
Δ9Tetrahydrocannabinol	Δ9THC	1.00	NA	NA	12.229
Tetrahydrocannabinolic acid	THCa	1.16	NA	NA	13.222
Cannabidiol	CBD	0.77	NA	0.009/0.028	0.052
Cannabidiolic acid	CBDa	0.71	NA	0.009/0.028	<QL
Cannabidivarinic acid	CBDVA	0.47	NA	0.009/0.028	ND
Cannabidivarin	CBDV	0.50	NA	0.009/0.028	ND
Tetrahydro-cannabivarin	THCV	0.75	NA	0.009/0.028	0.048
Cannabigerol	CBG	0.78	NA	0.009/0.028	0.430
Cannabigerolic Acid	CBGA	0.82	NA	0.009/0.028	0.190
Tetrahydrocannabivarin acid	THCVa	0.91	NA	0.009/0.028	0.049
Cannabinol	CBN	0.94	NA	0.009/0.028	0.472
Δ8Tetrahydrocannabinol	Δ8THC	1.04	NA	0.009/0.028	0.069
Cannabichromene	CBC	1.11	NA	0.009/0.028	0.158
Cannabichromenic acid	CBCa	1.22	NA	0.009/0.028	0.156

TOTAL THC/THCA 25.451%
Total THC = (Δ9 - THC + (0.877*THCa))

TOTAL CBD/CBDA 0.052%
Total CBD =(CBD+(0.877*CBDA))

TARGET LIMIT: Report Results

*Reported results are calculated after decarboxylation.

TOTAL OTHER KNOWN CANNABINOIDS : 1.570 %
Sum of all known (identified) cannabinoids not including THC/THCA, CBD/CBDA

TOTAL UNKNOWN SUBSTANCES: 0.733 %
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)



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2.0

REQUEST NO.: MCBR-2604-024

SAMPLE NAME: Cherry Purgatory

LAST 4 DIGITS TAG NO.: 4842

MANIFEST NO.: 0000088802

LAB SAMPLE ID: 2604024-003

STRAIN/BATCH NO.: LSCCP22426



MICROBIOLOGY ANALYSIS

RESULTS:

TEST INITIATED ON

28-Apr-26

COMPLETED ON

1-May-26

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

TEST METHOD

CLTM-MCB22

Revision No.

2.0

MICROBIAL TARGET

SAMPLE AMOUNT
(g)

ACTION LIMIT

RESULT

PASS/FAIL

Salmonella	9.8	Not detected in 10g	Not Detected	PASS
Shiga toxin-producing Escherichia coli (O157:H7)	9.8	Not detected in 10g	Not Detected	PASS
Enterobacteriaceae	9.8	<10 ³ CFU/g	Not Detected	PASS
		ORIGINAL TEST	RE-ANALYSIS	RE-TEST

TEST METHOD

CLTM-MCB38

Revision No.

2.0

MICROBIAL TARGET

SAMPLE AMOUNT
(g)

ACTION LIMIT

RESULT

PASS/FAIL

Aspergillus spp.	9.8	Not detected in 10g	Not Detected	PASS
Listeria monocytogenes	NA	NA	NA	NT
		ORIGINAL TEST	RE-ANALYSIS	RE-TEST

TEST METHOD

CLTM-MCB39

Revision No.

2.0



TEST METHOD

CLTM-MCB37

Revision No.

2.0

TEST METHOD

NT

Revision No.

NT

MICROBIAL TARGET

SAMPLE AMOUNT
(g)

ACTION LIMIT

RESULT

PASS/FAIL

Total Aerobic Microbial Count (TAMC)	9.8	<10 ⁵ CFU/g	<10 ³ CFU/g	PASS
Total Yeast & Mold Count (TYMC)	9.8	<10 ⁵ CFU/g	<10 ³ CFU/g	PASS
		ORIGINAL TEST	RE-ANALYSIS	RE-TEST

NOTEBOOK REF. NO.

NB 20170 pg 83

NOTEBOOK REF. NO.

NT

Comments:

Note: The expanded measure uncertainty for TAMC is $\pm 0.132 \log_{10}$ CFU/g ($k=2$), and for TYMC is $\pm 0.130 \log_{10}$ CFU/g ($k=2$), estimated from historical QC test data. The reported result represents the mean count expressed in CFU/g.



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LAST 4 DIGITS TAG NO.: 4842

MANIFEST NO.: 0000088802

LAB SAMPLE ID: 2604024-003

STRAIN/BATCH NO.: LSCCP22426



RESIDUAL SOLVENTS SCREENING

RESULTS:

TEST INITIATED ON

3-Jun-26

TEST COMPLETED ON

4-Jun-26

Residual Solvent analysis gas chromatography-Flame Ionization Detection (GC-FID)

TEST METHOD: CLTM-MCB06

REVISION NO. 2.0

TEST SAMPLE AMOUNT: 1.8298 g

ORIGINAL TEST ☒RE-ANALYSIS ☐REMEDATION ☐

NOTEBOOK REF. NO 20188 p 40

RESIDUAL SOLVENT	SCREENING LIMIT (ppm)	INHALATION LIMIT (ppm)	LOD/LOQ (ppm)	RESULT (ppm)	DET/ND/NT
Acetone	600	750	480	ND	ND
Benzene	0.5	1	0.4	< SL	DET
Butane	250	800	250	< SL	DET
Chloroform	0.9	1	0.7	< SL	DET
Cyclohexane	243	300	194	< SL	DET
Dichloromethane	88	125	70	< SL	DET
Ethanol	30	1000	24	< SL	DET
Ethyl Acetate	300	400	240	< SL	DET
Heptane	200	500	160	< SL	DET
Hexane	44	50	35	ND	ND
Isopropanol	400	500	320	< SL	DET
Methanol	200	250	160	< SL	DET
Pentane	10	750	8	< SL	DET
Propane	250	2100	250	< SL	DET
Toluene	111	150	88	< SL	DET
Trichloroethene	15	25	12	< SL	DET
Total Xylenes	110	150	88	< SL	ND

RESIDUAL SOLVENTS QUANTITATIVE ANALYSIS

TEST METHOD: NA

REVISION NO. NA

TEST SAMPLE AMOUNT: NA

ORIGINAL TEST ☐RE-ANALYSIS ☐REMEDATION ☐

RESIDUAL SOLVENT	LOD/LOQ (ppm)	ACTION LIMIT (ppm)	MEASUREMENT UNCERTAINTY (ppm)	RESULT (ppm)	PASS/FAIL
NA	NA	NA	NA	NA	NT
NA	NA	NA	NA	NA	NT
NA	NA	NA	NA	NA	NT
NA	NA	NA	NA	NA	NT
NA	NA	NA	NA	NA	NT

Additional Notes

SL = Screening Limit

ND = Not Detected

All analytes tested per variance