



SAMPLE DETAILS

PRODUCT TYPE	Cannabis	MANIFEST NUMBER	0000079113	REQUEST NUMBER:	MCBR-2602-028
SAMPLE NAME:	Bubblegum	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:	1A45003000005DD000001704	BUSINESS NAME	North Star Canna LLC	R&D	NO (YES/NO)
LAST 4 DIGITS TAG NUMBER:	1704	ADDRESS	16720 200th St. E. Hastings, MN 55033	COMPLIANCE	YES (YES/NO)
STRAIN ID/BATCH NUMBER:	LSCBBG22426	LICENSE NUMBER	ML0001	REANALYSIS	NO (YES/NO)
LAB SAMPLE ID:	2602028-002			RETEST	NO (YES/NO)
LAB SAMPLE SIZE:	40x1g Pre-Rolls				

CANNABINOID ANALYSIS - Summary

TOTAL THC CONTENT (%)	16.020	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 (A9-THC + (0.877*THCa))
TOTAL CBD CONTENT (%)	ND	Total CBD (CBD + (0.877*CBDA))
TOTAL OTHER KNOWN CANNABINOIDS: (%)	1.164	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: (%)	0.280	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

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:

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.



Testing Facility License #: TF-A25-000006-01		CERTIFICATE NUMBER: 2602028002		DATE ISSUED: 14 APR 2026
REQUEST NO.:	MCBR-2602-028	SAMPLE NAME:	Bubblegum	LAST 4 DIGITS TAG NO.: 1704
MANIFEST NO.:	0000079113	LAB SAMPLE ID:	2602028-002	STRAIN/BATCH NO.: LSCBBG22426



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 1.3 g

ORIGINAL TEST ☒
RE-ANALYSIS ☐
REMEDATION ☐

NOTEBOOK REF. NO. NB 20190 p. 13

KNOWN CANNABINOIDS: Name	CANNABINOID Abbreviation	RRT (wrt THC)	MEASUREMENT UNCERTAINTY (%)	LOD/LOQ	RESULT (%)
Δ9Tetrahydrocannabinol	Δ9THC	1.00	NA	NA	10.124
Tetrahydrocannabinolic acid	THCa	1.17	NA	NA	5.896
Cannabidiol	CBD	0.76	NA	0.012/0.039	ND
Cannabidiolic acid	CBDa	0.70	NA	0.012/0.039	ND
Cannabidivarinic acid	CBDVA	0.46	NA	0.012/0.039	ND
Cannabidivarin	CBDV	0.49	NA	0.012/0.039	ND
Tetrahydro-cannabivarin	THCV	0.73	NA	0.012/0.039	0.071
Cannabigerol	CBG	0.78	NA	0.012/0.039	0.249
Cannabigerolic Acid	CBGA	0.82	NA	0.012/0.039	0.181
Tetrahydrocannabivarin acid	THCVa	0.91	NA	0.012/0.039	0.041
Cannabinol	CBN	0.93	NA	0.012/0.039	0.385
Δ8Tetrahydrocannabinol	Δ8THC	1.02	NA	0.012/0.039	ND
Cannabichromene	CBC	1.11	NA	0.012/0.039	0.149
Cannabichromenic acid	CBCa	1.22	NA	0.012/0.039	0.090

TOTAL THC/THCA 16.020%
Total THC = (Δ9 - THC + (0.877*THCa))

TOTAL CBD/CBDA ND
Total CBD =(CBD+(0.877*CBDA))

TARGET LIMIT: REPORT RESULTS

TOTAL OTHER KNOWN CANNABINOIDS : 1.164 %
Sum of all known (identified) cannabinoids not including THC/THCA, CBD/CBDA

TOTAL UNKNOWN SUBSTANCES: 0.280 %
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 (aw)	ACTION LIMIT (aw)	MEASUREMENT UNCERTAINTY (aw)	RESULT (aw)	PASS/FAIL
Water Activity	0.25/0.50	0.65	±0.004	0.278	PASS

TEST SAMPLE AMOUNT 0.8826 g

☒ ORIGINAL TEST ☐ RE-ANALYSIS ☐ RE-TEST



CERTIFICATE OF ANALYSIS

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

CERTIFICATE NUMBER

2602028002

DATE ISSUED

14 APR 2026

REVISION #

1.0

REQUEST NO.: MCBR-2602-028

SAMPLE NAME: Bubblegum

LAST 4 DIGITS TAG NO.: 1704

MANIFEST NO.: 0000079113

LAB SAMPLE ID: 2602028-002

STRAIN/BATCH NO.: LSCBBG22426



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:

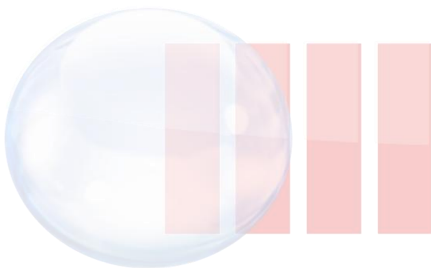
All analytes tested per variance

a,b includes isomers

* Tested per variance, estimated concentrations

ND - Not detected

COMPOUND	LOD/LOQ (ppm)	ACTION LIMIT (ppm)	MEASUREMENT UNCERTAINTY (ppm)	RESULT (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	ND	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 ^a	0.05/0.1	0.3	0.005	ND	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 ^b	0.02/0.05	1.0	0.0025	<LOD	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

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

CERTIFICATE NUMBER

2602028002

DATE ISSUED

14 APR 2026

REVISION #

1.0

REQUEST NO.:	MCBR-2602-028	SAMPLE NAME:	Bubblegum	LAST 4 DIGITS TAG NO.:	1704
MANIFEST NO.:	0000079113	LAB SAMPLE ID:	2602028-002	STRAIN/BATCH NO.:	LSCBBG22426



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	0.1	PASS
Mercury	0.05/0.1	0.1	0.01	ND	PASS

SAMPLE AMOUNT USED: 0.5175 g

Comments:





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1.0

REQUEST NO.: MCBR-2602-028

SAMPLE NAME: Bubblegum

LAST 4 DIGITS TAG NO.: 1704

MANIFEST NO.: 0000079113

LAB SAMPLE ID: 2602028-002

STRAIN/BATCH NO.: LSCBBG22426



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

NOTEBOOK REF. NO. NB 20170 pg 80

NOTEBOOK REF. NO. NT

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 ³ CFU/g	>10 ³ 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	Detected	FAIL
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 ⁵ CFU/g	8.3 x 10 ⁴ CFU/g	PASS
Total Yeast & Mold Count (TYMC)	1	<10 ⁵ CFU/g	5.5 x 10 ³ CFU/g	PASS
		ORIGINAL TEST	RE-ANALYSIS	RE-TEST

Comments:



CERTIFICATE OF ANALYSIS

Testing Facility License #: TF-A25-000006-01		CERTIFICATE NUMBER: 2602028002		DATE ISSUED 14 APR 2026
REQUEST NO.:	MCBR-2602-028	SAMPLE NAME:	Bubblegum	LAST 4 DIGITS TAG NO.: 1704
MANIFEST NO.:	0000079113	LAB SAMPLE ID:	2602028-002	STRAIN/BATCH NO.: LSCBBG22426



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