ChRi

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

Cannabis Flower Quality Assurance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED 18 MAR 2026

CERTIFICATE NUMBER: 2602032003 REVISION # 1.0

SAMPLE DETAILS

PRODUCT TYPE	Cannabis	**MANIFEST NUMBER**	0000079602	**REQUEST NUMBER:**	MCBR-2602-032
SAMPLE NAME:	Glue 31	**DATE COLLECTED:**	NA	**SAMPLES ACCEPTED INTO TEST ON:**	27-Feb-26
MATRIX TYPE:	Flower	**DATE RECEIVED IN METRC**	26-Feb-26	**DATE ASSIGNED TO THE LAB:**	27-Feb-26

SAMPLE DETAILS		**TESTED FOR:**		**ANALYSIS TYPE: (Check all that applies)**		
FULL TAG NUMBER:	1A4500300000516000000172	**BUSINESS NAME**	MN River Holdings	**R&D**	NO	(YES/NO)
LAST 4 DIGITS TAG NUMBER:	0172	**ADDRESS**	16720 200th St. E. Hastings, MN 55033	**COMPLIANCE**	YES	(YES/NO)
STRAIN ID/BATCH NUMBER:	G312-023	**LICENSE NUMBER**	CL001	**REANALYSIS**	NO	(YES/NO)
LAB SAMPLE ID:	2602032-003			**RETEST**	NO	(YES/NO)
LAB SAMPLE SIZE:	40.47g					

CANNABINOID ANALYSIS - Summary

TOTAL THC CONTENT (%)	**18.79%**	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 (Δ9-THC + (0.877*THCa))
TOTAL CBD CONTENT (%)	**0.14%**	Total CBD (CBD+(0.877*CBDa))
TOTAL OTHER KNOWN CANNABINOIDS: (%)	**1.02%**	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: (%)	**1.55%**	Means unidentified, tentatively identified, or unknown cannabionoids or related substances that not among the 14 targeted cannbinoids. 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	**PASS**
Water Activity	**PASS**
Foreign Particulate Matter	**PASS**
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: 18 MAR 2026
SIGNATURE:

RELEASED BY: Zarrar Khan
JOB TITLE: QAC II
DATE: 18 MAR 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)
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.

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REQUEST NO.:	MCBR-2602-032	**SAMPLE NAME:**	Glue 31	**LAST 4 DIGITS TAG NO.:**	0172
MANIFEST NO.:	0000079602	**LAB SAMPLE ID:**	2602032-003	**STRAIN/BATCH NO.:**	G312-023

Cannabinoid Analysis

TEST INITIATED ON 12-Mar-26 **TEST COMPLETED ON** 17-Mar-26

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

TEST METHOD: CLTM-MCB11
REVISION NO.: 1

TEST SAMPLE AMOUNT 0.6 g

ORIGINAL TEST ☑
RE-ANALYSIS ☐
REMEDIATION ☐

NOTEBOOK REF. NO. 20178 p 4

KNOWN CANNABINOIDS: Name	CANNABINOID Abbreviation	RRT (wrt THC)	MEASUREMENT UNCERTAINTY (%)	LOD/LOQ	RESULT (%)
Δ9Tetrahydrocannabinol	Δ9THC	1.00	NA	NA	1.730
Tetrahydrocannabinolic acid	THCa	1.16	NA	NA	17.061
Cannabidiol	CBD	0.75	NA	0.0085/0.026	0.100
Cannabidiolic acid	CBDa	0.71	NA	0.0085/0.026	0.039
Cannabidivarinic acid	CBDVA	0.46	NA	0.0085/0.026	ND
Cannabidivarin	CBDV	0.50	NA	0.0085/0.026	ND
Tetrahydro-cannabivarin	THCV	0.73	NA	0.0085/0.026	0.130
Cannabigerol	CBG	0.78	NA	0.0085/0.026	0.522
Cannabigerolic Acid	CBGA	0.81	NA	0.0085/0.026	0.052
Tetrahydrocannabivarin acid	THCVa	0.90	NA	0.0085/0.026	0.047
Cannabinol	CBN	0.93	NA	0.0085/0.026	0.033
Δ8Tetrahydocannabinol	Δ8THC	1.02	NA	0.0085/0.026	0.039
Cannabichromene	CBC	1.10	NA	0.0085/0.026	0.130
Cannabichromenic acid	CBCa	1.22	NA	0.0085/0.026	0.064

TOTAL THC/THCA 18.79%
Total THC = (Δ9 - THC + (0.877*THCa))

TOTAL CBD/CBDA 0.14%
Total CBD =(CBD+(0.877*CBDa))

TARGET LIMIT: Report Results

TOTAL OTHER KNOWN CANNABINOIDS : 1.017 %
Sum of all known (identified) cannabinoids not including THC/THCA, CBD/CBDA

TOTAL UNKNOWN SUBSTANCES: 1.547 %
Sum of unidentified, tentatively Idenfied, 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

TEST INITIATED ON: 2-Mar-26 **TEST COMPLETED ON:** 2-Mar-26

Water activity analysis conducted via water activity meter

TEST	LOD/LOQ (aw)	ACTION LIMIT (aw)	MEASUREMENT UNCERTAINTY (aw)	RESULT (aw)	PASS/FAIL
Water Activity	0.25/0.50	0.65	±0.004	0.358	PASS

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

TEST SAMPLE AMOUNT 0.8492 g

NOTEBOOK REF. NO. 20174, pg. 65

☑ ORIGINAL TEST ☐ RE-ANALYSIS ☐ RE-TEST

Foreign Particulate Matter Analysis

TEST INITIATED ON: 4-Mar-26 **TEST COMPLETED ON:** 4-Mar-26

Foreign particulate matter analysis conducted via visual inspection.

TEST	LOD/LOQ (g)	ACTION LIMITS (% w/w)	MEASUREMENT (% w/w)	RESULT (% w/w)	PASS/FAIL
Foreign Matter (Organic)	**0.002/0.03**	5	±0.6	0	PASS
Foreign Matter (Inorganic)	**0.002/0.03**	1	±0.0004	0	PASS

TEST METHOD NO.: CLTM-MCB08
Rev., Effective Date: 2.0

NOTEBOOK REF. NO. 20180, pg. 65

TEST SAMPLE AMOUNT 17.98 g

☑ ORIGINAL TEST ☐ RE-ANALYSIS ☐ REMEDIATION

Additional Notes:

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Cannabis Flower Quality Assurance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED 18 MAR 2026

Testing Facility License #: TF-A25-000006-01 CERTIFICATE NUMBE 2602032003 REVISION # 1.0

REQUEST NO.:	MCBR-2602-032	**SAMPLE NAME:**	Glue 31	**LAST 4 DIGITS TAG NO.:**	0172
MANIFEST NO.:	0000079602	**LAB SAMPLE ID:**	2602032-003	**STRAIN/BATCH NO.:**	G312-023

Pesticide Analysis

PESTICIDE TEST RESULTS: 3/4/2026

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. NB20182p. 66

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	0.02	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	ND	PASS
Cyfluthrin	0.1/0.25	1.0	0.0125	<LOD	PASS
Cypermethrin	0.05/0.1	1.0	0.005	<LOD	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	ND	PASS
Fenoxycarb	0.01/0.02	0.2	0.001	ND	PASS
Fenproximate	0.02/0.05	0.4	0.0025	ND	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	<LOD	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	1.00	PASS
Prallethrin	0.02/0.05	0.2	0.0025	ND	PASS
Propiconazole	0.05/0.1	0.4	0.005	<LOD	PASS
Propoxur	0.02/0.05	0.2	0.0025	ND	PASS
Pyrethrins[b]	0.02/0.05	1.0	0.0025	0.07	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

Cannabis Distillates/Concentrates Quality Assurance Testing

CERTIFICATE OF ANALYSIS

Testing Facility License #: TF-A25-000006-01 | CERTIFICATE NUMBER: 2602032003 | DATE ISSUED: 18 MAR 2026 | REVISION #: 1.0

REQUEST NO.:	MCBR-2602-032	SAMPLE NAME:	Glue 31	LAST 4 DIGITS TAG NO.:	0172
MANIFEST NO.:	0000079602	LAB SAMPLE ID:	2602032-003	STRAIN/BATCH NO.:	G312-023

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

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	Not detected	PASS
Enterobacteriaceae	1	$<10^3$ CFU/g	Not detected	PASS

ORIGINAL TEST | RE-ANALYSIS | RE-TEST

TEST METHOD: CLTM-MCB39
Revision No.: 2.0
TEST METHOD: NT
Revision No.: NT

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

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
Total Aerobic Microbial Count (TAMC)	1	$<10^5$ CFU/g	$< 10^3$ CFU/g	PASS
Total Yeast & Mold Count (TYMC)	1	$<10^5$ CFU/g	$< 10^3$ CFU/g	PASS

ORIGINAL TEST | RE-ANALYSIS | RE-TEST

NOTEBOOK REF. NO.: NB 20170 pg
NOTEBOOK REF. NO.: NB 20187 pg 14

Comments:

HEAVY METALS ANALYSIS

RESULTS: | TEST INITIATED ON: 6-Mar-26 | TEST COMPLETED ON: 9-Mar-26

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

TEST METHOD: CLTM-MCB07
REVISION NO.: 4.0

COMPOUND	LOD/LOQ (ppm)	ACTION LIMIT (ppm)	MEASUREMENT UNCERTAINTY (ppm)	RESULT (ppm)	PASS/FAIL
Arsenic	0.08/0.1	0.2	0.02	0.1	PASS
Cadmium	0.08/0.1	0.2	0.01	ND	PASS
Lead	0.08/0.1	0.5	0.02	ND	PASS
Mercury	0.05/0.1	0.1	0.01	ND	PASS

NOTEBOOK REF. NO.: 20185 p. 38

SAMPLE AMOUNT USED: 0.508 g

Comments:

ORIGINAL TEST ☑
RE-ANALYSIS ☐
REMEDIATION TEST ☐

Cannabis Distillates/Concentrates Quality Assurance Testing

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DATE ISSUED 18 MAR 2026

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REQUEST NO.:	MCBR-2602-032	**SAMPLE NAME:**	Glue 31	**LAST 4 DIGITS TAG NO.:**	0172
MANIFEST NO.:	0000079602	**LAB SAMPLE ID:**	2602032-003	**STRAIN/BATCH NO.:**	G312-023

MYCOTOXIN ANALYSIS

RESULTS: **TEST INITIATED ON** 2/27/2026 **COMPLETED ON** 3/3/2026

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. NB20182p. 66

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

Additonal Notes

All analytes tested per variance