

SUMMARY OF ANALYSIS (SAMPLE ID: SA44555)

Testing Location:	Customer ID: 2161	Order ID: OR12230	Sample Type: Primary
Arkansas	River Valley Relief Cultivation	Lot Number:	Matrix: Flower/Trim
232 S. Broadview St.	5601 Old Greenwood Rd Suite C	M00065C13131332636	Mass: 23g
Greenbrier, AR 72058	Fort Smith, AR 72903	Production Run:	Date Collected: 07/02/2026
License: ADH 113	License: 00065C	3136H20260602BLM-2	Date Received: 07/02/2026
Cultivar (Strain) or Sample Description: Black Maple			Date Completed: 07/06/2026

*This page is simply a summary of the analysis performed. For analytical details, please consult the individual Certificate(s) of Analysis for each of the specific test(s) performed. All contaminant action levels are referenced from the State of Arkansas MMJ testing guidelines.

*Where provided, statements of conformity (e.g. Pass/Fail) are made in accordance with ILAC G8, Binary Statement for Simple Acceptance Rule (w=0, AL=TL).
PASS: when the result is within the acceptance interval. FAIL: when the result is outside the acceptance interval

Moisture Content (%)

12.9

Water Activity (aw)

0.454 @ 24.5°C

PASS/FAIL

PASS

Moisture content/water activity action levels are referenced from the State of Arkansas MMJ testing guidelines.

Moisture content levels less than 15% are recommended but the sample does not fail. Water activity levels must be less than 0.65aw.

Cannabinoids (Top 3)	(%)	mg/g
THCA	28.9	289
CBGA	1.11	11.1
Δ9-THC	0.999	9.99
TOTAL CBD	0.000	0.000
TOTAL THC	26.4	264
TOTAL CANNABINOIDS	31.9	319

Terpenes (Top 5)	(%)	ppm
d-Limonene	0.634	6340
β-Myrcene	0.288	2880
β-Caryophyllene	0.171	1710
α-Pinene	0.164	1640
Linalool	0.116	1160
TOTAL TERPENES	1.89	18900

Contaminants	PASS/FAIL
Heavy Metals:	PASS
Microbiology:	PASS
Pesticides:	PASS

Sample Picture Upon Receipt



Scan the QR code to verify results.

This information is provided as a service and makes no claims of efficacy and/or safety of this product.

Results are applicable only for the sample(s) analyzed and for the specific analysis conducted.

This report is for informational purposes only and should not be used to diagnose, treat, or prevent any medical-related symptoms.

The statements and results herein have not been approved and/or endorsed by the FDA.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of
Felling Analytical Services and Technology (F.A.S.T.), LLC

www.FASTLaboratories.com

F.A.S.T. Personnel perform sampling following the Sampling SOP (SOP-02).

Kyle W. Felling
Kyle W. Felling, Ph.D.
Laboratory Director



CERTIFICATE OF ANALYSIS (SAMPLE ID: SA44555)

Testing Location:	Customer ID: 2161	Order ID: OR12230	Sample Type: Primary
Arkansas	River Valley Relief Cultivation	Lot Number:	Matrix: Flower/Trim
232 S. Broadview St.	5601 Old Greenwood Rd Suite C	M00065C13131332636	Mass: 23g
Greenbrier, AR 72058	Fort Smith, AR 72903	Production Run:	Date Collected: 07/02/2026
License: ADH 113	License: 00065C	3136H20260602BLM-2	Date Received: 07/02/2026
Cultivar (Strain) or Sample Description: Black Maple			Date Completed: 07/06/2026

CANNABINOID (POTENCY) PROFILE (SOP: SOP-CANN-001)

Analysis Date/Time: 07/05/2026 1247

Method: HPLC/DAD

Moisture Content (%): 12.9

Analyst: PW

Instrument: Agilent 1100

Water Activity (aw): 0.454 @ 24.5°C

<u>Cannabinoid</u>	<u>Result (%)</u>	<u>Result (mg/g)</u>	<u>LOD (mg/g)</u>	<u>LOQ (mg/g)</u>	<u>Result (mg/mL)</u>	<u>Per Serving (mg)</u>	<u>Per Unit (mg)</u>
CBC	ND	ND	0.0414	0.0967	-	0.000	0.000
CBCA	0.499	4.99	0.129	0.300	-	4.35	4.35
CBD	ND	ND	0.292	0.682	-	0.000	0.000
CBDA	ND	ND	0.108	0.251	-	0.000	0.000
CBDV	ND	ND	0.0469	0.109	-	0.000	0.000
CBDVA	ND	ND	0.125	0.292	-	0.000	0.000
CBG	0.162	1.62	0.190	0.443	-	1.41	1.41
CBGA	1.11	11.1	0.269	0.317	-	9.69	9.69
CBL	ND	ND	0.219	0.512	-	0.000	0.000
CBN	ND	ND	0.101	0.235	-	0.000	0.000
CBNA	ND	ND	0.109	0.253	-	0.000	0.000
Δ9-THC	0.999	9.99	0.121	0.281	-	8.70	8.70
Δ8-THC	ND	ND	0.188	0.439	-	0.000	0.000
THCA	28.9	289	0.0654	0.153	-	252	252
THCV	ND	ND	0.157	0.366	-	0.000	0.000
THCVA	0.199	1.99	0.0502	0.117	-	1.73	1.73
TOTAL	31.9	319			-	278	278
TOTAL CBC	0.437	4.37			-	3.81	3.81
TOTAL CBD	0.000	0.000			-	0.000	0.000
TOTAL CBDV	0.000	0.000			-	0.000	0.000
TOTAL CBG	1.14	11.4			-	9.92	9.92
TOTAL CBN	0.000	0.000			-	0.000	0.000
TOTAL THC	26.4	264			-	230	230
TOTAL THCV	0.172	1.72			-	1.50	1.50



SERVING MASS (g): 1.00
SERVINGS/UNIT: 1

"-" Not reported for this sample.

Deviations from standard operating procedure:
None

Recoveries for all analyte standards: 90-110%
Replicate Uncertainties: <5% RSD, <20% RPD
Sample/Reagent Blanks: <RL for all analytes

Values for plant matter are adjusted for moisture content.

Dry percent = Wet percent / (1 - (Moisture Content / 100))

Total CBC = (CBCA x 0.877) + CBC
Total CBD = (CBDA x 0.877) + CBD
Total CBDV = (CBDVA x 0.867) + CBDV
Total CBG = (CBGA x 0.878) + CBG
Total CBN = (CBNA x 0.876) + CBN
Total THC = (THCA x 0.877) + Δ9-THC
Total THCV = (THCVA x 0.867) + THCV

Percentage results are reported by mass.

mg/g results are reported as mass component per mass material.

Abbreviations: DAD - Diode Array Detector, HPLC - High Pressure Liquid Chromatography, RL - Reporting Limit, RPD - Relative Percent Difference, RSD - Relative Standard Deviation, DET - Detected (less than LOQ), LOD - Limit of Detection, LOQ - Limit of Quantitation, ND - Not Detected (less than LOD)

This information is provided as a service and makes no claims of efficacy and/or safety of this product. Results are applicable only for the sample(s) analyzed and for the specific analysis conducted.

This report is for informational purposes only and should not be used to diagnose, treat, or prevent any medical-related symptoms.

The statements and results herein have not been approved and/or endorsed by the FDA.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Felling Analytical Services and Technology (F.A.S.T.), LLC

www.FASTLaboratories.com

F.A.S.T. Personnel perform sampling following the Sampling SOP (SOP-02).

Kyle W. Felling
Kyle W. Felling, Ph.D.
Laboratory Director



CERTIFICATE OF ANALYSIS (SAMPLE ID: SA44555)

Testing Location:	Customer ID: 2161	Order ID: OR12230	Sample Type: Primary
Arkansas	River Valley Relief Cultivation	Lot Number:	Matrix: Flower/Trim
232 S. Broadview St.	5601 Old Greenwood Rd Suite C	M00065C13131332636	Mass: 23g
Greenbrier, AR 72058	Fort Smith, AR 72903	Production Run:	Date Collected: 07/02/2026
License: ADH 113	License: 00065C	3136H20260602BLM-2	Date Received: 07/02/2026
Cultivar (Strain) or Sample Description: Black Maple			Date Completed: 07/06/2026

TERPENOID PROFILE

Analysis Date/Time: 07/03/2026 1320

Method: GC/MS

Deviations from SOP:

Analyst: KF

Instrument: Agilent 7890/5975

None

Terpene	Result (ppm)	Result (%)	Terpene	Result (ppm)	Result (%)
α-Bisabolol	425	0.0425	d-Limonene	6340	0.634
L-Borneol	ND	-	Linalool	1160	0.116
D-Borneol	78.2	0.00782	l-Menthone	ND	-
Camphene	176	0.0176	Menthol	49.4	0.00494
Camphor	ND	-	β-Myrcene	2880	0.288
δ-3-Carene	ND	-	Nerol	ND	-
Carvacrol	ND	-	cis-Nerolidol	ND	-
Carvone	ND	-	trans-Nerolidol	217	0.0217
β-Caryophyllene	1710	0.171	Nootkatone	ND	-
Caryophyllene oxide	65.7	0.00657	cis-β-Ocimene	68.7	0.00687
Cedrene	ND	-	trans-β-Ocimene	325	0.0325
Cedrol	ND	-	Octyl acetate	ND	-
cis-Citral	ND	-	α-Phellandrene	ND	-
trans-Citral	ND	-	Phytane	ND	-
Citronellol	ND	-	α-Pinene	1640	0.164
o-Cymene	ND	-	β-Pinene	861	0.0861
m-Cymene	ND	-	Piperitone	ND	-
p-Cymene	ND	-	Pulegone	ND	-
Eucalyptol	ND	-	Sabinene	531	0.0531
trans-β-Farnesene	69.4	0.00694	Sabinene hydrate	ND	-
Farnesol 1	ND	-	Safranal	ND	-
Farnesol 2	123	0.0123	Squalene	ND	-
Fenchone	48.8	0.00488	Terpinen-4-ol	ND	-
Fenchyl alcohol	435	0.0435	α-Terpinene	ND	-
Geraniol	ND	-	γ-Terpinene	ND	-
Geranyl acetate	95.6	0.00956	α-Terpineol	370	0.0370
Guaiol	483	0.0483	Terpinolene	82.1	0.00821
α-Humulene	512	0.0512	α-Thujone	ND	-
Isoborneol	ND	-	Thymol	ND	-
Isobornyl acetate	ND	-	Valencene	57.7	0.00577
d-Isomenthone	ND	-	d-Valerolactam	ND	-
Isopulegol	77.3	0.00773	Verbenone	ND	-



Abbreviations: GC - Gas Chromatography, MS - Mass Spectrometry, RL - Reporting Limit

Abbreviations: ND - Not Detected, LOD - Limit of Detection, LOQ - Limit of Quantitation

This information is provided as a service and makes no claims of efficacy and/or safety of this product.

Results are applicable only for the sample(s) analyzed and for the specific analysis conducted.

This report is for informational purposes only and should not be used to diagnose, treat, or prevent any medical-related symptoms.

The statements and results herein have not been approved and/or endorsed by the FDA.

"-" Not detected above LOD.

TOTAL	(ppm) 18900	(%) 1.89	Reporting Limit (ppm): 45.4
--------------	-------------	----------	------------------------------------

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Felling Analytical Services and Technology (F.A.S.T.), LLC

www.FASTLaboratories.com

F.A.S.T. Personnel perform sampling following the Sampling SOP (SOP-02).

Kyle W. Felling, Ph.D.
Laboratory Director



CERTIFICATE OF ANALYSIS (SAMPLE ID: SA44555)

Testing Location:	Customer ID: 2161	Order ID: OR12230	Sample Type: Primary
Arkansas	River Valley Relief Cultivation	Lot Number:	Matrix: Flower/Trim
232 S. Broadview St.	5601 Old Greenwood Rd Suite C	M00065C13131332636	Mass: 23g
Greenbrier, AR 72058	Fort Smith, AR 72903	Production Run:	Date Collected: 07/02/2026
License: ADH 113	License: 00065C	3136H20260602BLM-2	Date Received: 07/02/2026
Cultivar (Strain) or Sample Description: Black Maple			Date Completed: 07/06/2026

PESTICIDES PROFILE (SOP: SOP-PEST-001)

Analysis Date/Time: 07/05/2026 1326

Analyst: KF

Method: LC/MS/MS

Instrument: Shimadzu LC-8050

Deviations from SOP:

None

Pesticide	Result (ppm)	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Pesticide	Result (ppm)	LOD (ppm)	LOQ (ppm)	Action Level (ppm)
Abamectin (71751-41-2)	-	0.0453	0.362	0.5	Kresoxim-methyl (143390-89-0)	-	0.0453	0.362	0.4
Acephate (30560-19-1)	-	0.0453	0.362	0.4	Malathion (121-75-5)	-	0.0453	0.362	0.2
Acetaminophen (57960-19-7)	-	0.0453	0.362	2	Metalaxyl (57837-19-1)	-	0.0453	0.362	0.2
Acetamiprid (135410-20-7)	-	0.0453	0.362	0.2	Methiocarb (2032-65-7)	-	0.0453	0.362	0.2
Aldicarb (116-06-3)	-	0.0453	0.362	0.4	Methomyl (16752-77-5)	-	0.0453	0.362	0.4
Azoxystrobin (131860-33-8)	-	0.0453	0.362	0.2	Methyl parathion (298-0-0)	-	0.0453	0.362	0.2
Bifenazate (149877-41-8)	-	0.0453	0.362	0.2	MGK 264 (113-48-4)	-	0.0453	0.362	0.2
Bifenthrin (82657-04-3)	-	0.0453	0.362	0.2	Myclobutanil (88671-89-0)	-	0.0453	0.362	0.2
Boscalid (188425-85-6)	-	0.0453	0.362	0.4	Naled (300-76-5)	-	0.0453	0.362	0.5
Carbaryl (63-25-2)	-	0.0453	0.362	0.2	Oxamyl (23135-22-0)	-	0.0453	0.362	1
Carbofuran (1563-66-2)	-	0.0453	0.362	0.2	Paclobutrazol (76738-62-0)	-	0.0453	0.362	0.4
Chlorantraniliprole (800008-45-7)	-	0.0453	0.362	0.2	Permethrins (52645-53-1)	-	0.0453	0.362	0.2
Chlorfenapyr (122453-73-0)	-	0.0453	0.362	1	Phosmet (732-11-6)	-	0.0453	0.362	0.2
Chlorpyrifos (2921-88-2)	-	0.0453	0.362	0.2	Piperonyl butoxide (51-03-6)	-	0.0453	0.362	2
Clofentezine (74115-24-5)	-	0.0453	0.362	0.2	Prallethrin (2331-36-9)	-	0.0453	0.362	0.2
Cyfluthrin (68359-37-5)	-	0.0453	0.362	1	Propiconazole (60207-90-1)	-	0.0453	0.362	0.4
Cypermethrin (52315-07-8)	-	0.0453	0.362	1	Propoxur (114-26-1)	-	0.0453	0.362	0.2
Daminozide (1596-84-5)	-	0.0453	0.362	1	Pyrethrins (8003-34-7)	-	0.0453	0.362	1
DDVP (62-73-7)	-	0.0453	0.362	0.1	Pyridaben (96489-71-3)	-	0.0453	0.362	0.2
Diazinon (333-41-5)	-	0.0453	0.362	0.2	Spinosad (168316-95-8)	-	0.0453	0.362	0.2
Dimethoate (60-51-5)	-	0.0453	0.362	0.2	Spiromesifen (283594-90-1)	-	0.0453	0.362	0.2
Ethoprophos (13194-48-4)	-	0.0453	0.362	0.2	Spirotetramat (203313-25-1)	-	0.0453	0.362	0.2
Etofenprox (80844-07-1)	-	0.0453	0.362	0.4	Spiroxamine (118134-30-8)	-	0.0453	0.362	0.4
Etoazolo (153233-91-1)	-	0.0453	0.362	0.2	Tebuconazole (80443-41-0)	-	0.0453	0.362	0.4
Fenoxycarb (72490-01-8)	-	0.0453	0.362	0.2	Thiacloprid (111988-49-9)	-	0.0453	0.362	0.2
(E)-Fenpyroximate (134098-61-6)	-	0.0453	0.362	0.4	Thiamethoxam (153719-23-4)	-	0.0453	0.362	0.2
Fipronil (120068-37-3)	-	0.0453	0.362	0.4	Trifloxystrobin (141517-21-7)	-	0.0453	0.362	0.2
Flonicamid (158062-67-0)	-	0.0453	0.362	1					
Fludioxinil (131341-86-1)	-	0.0453	0.362	0.4					
Hexythiazox (78587-05-0)	-	0.0453	0.362	1					
Imazalil (35554-44-0)	-	0.0453	0.362	0.2					
Imidacloprid (138261-41-3)	-	0.0453	0.362	0.4					



Color Key

RESULT < AL

RESULT > AL

"DET" detected less than LOQ

"-" not detected above LOD

Permethrins measured as the cumulative residue of the *cis*- and *trans*- permethrin isomers.

Pyrethrins measured as the cumulative residue of the pyrethrin I, cinerin I, and jasmolin I isomers.

Action levels are referenced from the State of Arkansas MMJ testing guidelines.

A value of "-" for the action level means that analyte is not currently regulated by the regulations referenced above.

Disclaimer: This information is provided as a service and makes no claims of efficacy and/or safety of this product. Results are applicable only for the sample(s) analyzed and for the specific analysis conducted. This report is for informational purposes only and should not be used to diagnose, treat, or prevent any medical-related symptoms. The statements and results herein have not been approved and/or endorsed by the FDA.

Abbreviations: LC - Liquid Chromatography, MS - Mass Spectrometry, RL - Reporting Limit, AL - Action Level, CAS - Chemical Abstract Services, LOD - Limit of Detection, LOQ - Limit of Quantification

Pesticide	Synonym(s)	Pesticide	Synonym(s)	Pesticide	Synonym(s)
Cyfluthrin	Baythroid	Myclobutanil	Systhane	Propiconazole	Tilt
DDVP	Dichlorvos	Naled	Dibrom	Propoxur	Baygon
Ethoprophos	Prophos	Phosmet	Imidan		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Felling Analytical Services and Technology (F.A.S.T.), LLC

www.FASTLaboratories.com

F.A.S.T. Personnel perform sampling following the Sampling SOP (SOP-02).

Kyle W. Felling, Ph.D.
Laboratory Director



CERTIFICATE OF ANALYSIS (SAMPLE ID: SA44555)

Testing Location: Arkansas 232 S. Broadview St. Greenbrier, AR 72058 License: ADH 113	Customer ID: 2161 River Valley Relief Cultivation 5601 Old Greenwood Rd Suite C Fort Smith, AR 72903 License: 00065C	Order ID: OR12230 Lot Number: M00065C13131332636 Production Run: 3136H20260602BLM-2	Sample Type: Primary Matrix: Flower/Trim Mass: 23g Date Collected: 07/02/2026 Date Received: 07/02/2026
Cultivar (Strain) or Sample Description: Black Maple			Date Completed: 07/06/2026

HEAVY METAL PROFILE (SOP: SOP-ICP-200.6)

Analysis Date/Time: 07/05/2026 1718

Method: ICP/MS

Deviations from SOP:

Instrument: Agilent 7700x

None

Analyst: KF

Heavy Metal	Result (ppb)	LOD (ppb)	LOQ (ppb)	Action Level (ppb)
Arsenic (As)	ND	59.3	93.9	200
Cadmium (Cd)	ND	59.3	93.9	200
Lead (Pb)	ND	59.3	93.9	500
Mercury (Hg)	ND	59.3	93.9	100



Abbreviations: ICP - Inductively-Coupled Plasma, MS - Mass Spectrometry,
RL - Reporting Limit, AL - Action Level, LOD - Limit of Detection, LOQ - Limit of Quantitation

Color Key

RESULT < AL
RESULT > AL

"DET" detected less than LOQ

"ND" not detected above LOD

Reporting limit is 1/2 the action level of each analyte.

Action levels for heavy metals are referenced from the State of Arkansas MMJ testing guidelines.

Disclaimer: This information is provided as a service and makes no claims of efficacy and/or safety of this product. Results are applicable only for the sample(s) analyzed and for the specific analysis conducted. This report is for informational purposes only and should not be used to diagnose, treat, or prevent any medical-related symptoms. The statements and results herein have not been approved and/or endorsed by the FDA.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of
Felling Analytical Services and Technology (F.A.S.T.), LLC

www.FASTLaboratories.com

F.A.S.T. Personnel perform sampling following the Sampling SOP (SOP-02).

Kyle W. Felling
Kyle W. Felling, Ph.D.
Laboratory Director



CERTIFICATE OF ANALYSIS (SAMPLE ID: SA44555)

Testing Location:	Customer ID: 2161	Sample ID: SA44555	Sample Type: Primary
Arkansas	River Valley Relief Cultivation	Lot Number:	Matrix: Flower/Trim
232 S. Broadview St.	5601 Old Greenwood Rd Suite C	M00065C13131332636	Mass: 23g
Greenbrier, AR 72058	Fort Smith, AR 72903	Production Run:	Date Collected: 07/02/2026
-	License: 00065C	3136H20260602BLM-2	Date Received: 07/02/2026
Cultivar (Strain) or Sample Description: Black Maple			Date Completed: 07/06/2026

MICROBIOLOGICAL PROFILE (SOP: SOP-Micro-001)

Analysis Date/Time: 07/05/2026 1631	Method: Hardy Diagnostics CompactDry	Deviations from SOP:
Analyst: PW	Instrument: Thermo Incubator	None

Bacteria/Microbe	Result (CFU/g)	Action Level (CFU/g)
Aerobic Plate Count	NT	-
Coliforms, Total	Absent	1
Escherichia Coli (E. Coli)	Absent	100
Mold/Yeast	NT	-
Pseudomonas aeruginosa	NT	-
Salmonella spp.	NT	-
Staphylococcus aureus	NT	-



Abbreviations: EC - Escherichia Coli, CFU - Colony-Forming Unit, RL - Reporting Limit, AL - Action Level, TNTC - Too Numerous To Count, NT - Not Tested
Absent - Not Detected Above RL, Present - Detected Above RL

Color Key

RESULT < AL

RESULT > AL

Reporting Limit (CFU/g)

1

Action levels for microbiology are referenced from the State of Arkansas MMJ testing guidelines.
A value of "-" for the action level means that analyte is not currently regulated by the regulations referenced above.

Disclaimer: This information is provided as a service and makes no claims of efficacy and/or safety of this product. Results are applicable only for the sample(s) analyzed and for the specific analysis conducted. This report is for informational purposes only and should not be used to diagnose, treat, or prevent any medical-related symptoms. The statements and results herein have not been approved and/or endorsed by the FDA.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of
Felling Analytical Services and Technology (F.A.S.T.), LLC

www.FASTLaboratories.com

F.A.S.T. Personnel perform sampling following the Sampling SOP (SOP-02).

Kyle W. Felling
Kyle W. Felling, Ph.D.
Laboratory Director

