







SUMMARY OF ANALYSIS (SAMPLE ID: SA40667)

Testing Location:	Customer ID: 2161	Order ID: OR11522	Sample Type: Primary
Arkansas	River Valley Relief Cultivation	Lot Number:	Matrix: Flower
232 S. Broadview St.	5601 Old Greenwood Rd Suite C	M00065C13133000722	Mass: 13g
Greenbrier, AR 72058	Fort Smith, AR 72903	Production Run:	Date Collected: 03/31/2025
License: ADH 113	License: 00065C	6090H20250210SDO-3	Date Received: 03/31/2025
Cultivar (Strain) or Sample Des	cription: Sourdough		Date Completed:04/01/2025

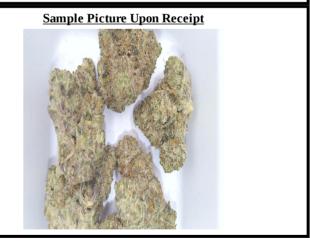
*This page is simply a summary of the analysis performed. For analytical details, please consult the individual Certificate(s) of Analysis for each of the specific test(s) performed. All contaminant action levels are referenced from the State of Arkansas MMJ testing guidelines.

Moisture Content (%)	Water Activity (aw)	PASS/FAIL
10.2	0.358 @ 24.0°C	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.

<u>Cannabinoids (Top 3)</u>	<u>(%)</u>	<u>mg</u> /g
THCA	30.3	303
CBGA	1.79	17.9
Δ9-ΤΗϹ	0.556	5.56
TOTAL CBD	0.000	0.000
TOTAL THC	27.2	272
TOTAL CANNABINOIDS	33.0	330
<u>Terpenes (Top 5)</u>	(%)	ħā\ā
β-Caryophyllene	1.18	11800
d-Limonene	0.734	7340
α-Humulene	0.499	4990
Linalool	0.278	2780
β-Myrcene	0.232	2320
TOTAL TERPENES	3.50	35000

<u>Contaminants</u>	PASS/FAIL
Heavy Metals:	PASS
Microbiology:	PASS
Pesticides:	PASS





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

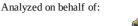


www.FASTLaboratories.com











Testing Location:	Customer ID: 2161	Order ID: OR11522	Sample Type: Primary
Arkansas	River Valley Relief Cultivation	Lot Number:	Matrix: Flower
232 S. Broadview St.	5601 Old Greenwood Rd Suite C	M00065C13133000722	Mass: 13g
Greenbrier, AR 72058	Fort Smith, AR 72903	Production Run:	Date Collected: 03/31/2025
License: ADH 113	License: 00065C	6090H20250210SDO-3	Date Received: 03/31/2025
Cultivar (Strain) or Sample	Description: Sourdough		Date Completed:04/01/2025

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

Analysis Date/Time: 04/01/2025 1243 Analyst: PW

Method: HPLC/DAD Instrument: Agilent 1100

<u>Cannabinoid</u>	<u>Result</u> (%)	<u>Result</u> (<u>mg/g)</u>	<u>LOD</u> (mg/g)	<u>LOQ</u> (mg/g)	<u>Result</u> <u>Pe</u> (mg/ <u>Serv</u> <u>mL) (mg</u>	ing <u>Unit</u>
CBC	ND	ND	0.0430	0.100	- 0.00	0.000 0.000
CBCA	ND	ND	0.134	0.312	- 0.00	000.0 00
CBD	ND	ND	0.303	0.708	- 0.00	000.0 00
CBDA	DET	DET	0.112	0.261	- 0.00	000.0 00
CBDV	ND	ND	0.0487	0.114	- 0.00	000.0 00
CBDVA	ND	ND	0.130	0.303	- 0.00	000.0 00
CBG	0.199	1.99	0.197	0.460	- 1.7	9 1.79
CBGA	1.79	17.9	0.279	0.330	- 16.	1 16.1
CBL	ND	ND	0.228	0.531	- 0.00	000.0 00
CBN	ND	ND	0.105	0.244	- 0.00	000.0 00
CBNA	ND	ND	0.113	0.263	- 0.00	000.0 00
Δ9-ΤΗC	0.556	5.56	0.125	0.292	- 4.9	9 4.99
$\Delta 8$ -THC	ND	ND	0.196	0.456	- 0.00	000.0 00
THCA	30.3	303	0.0679	0.159	- 272	2 272
THCV	ND	ND	0.163	0.380	- 0.00	000.0 00
THCVA	0.122	1.22	0.0521	0.121	- 1.1	0 1.10
TOTAL	33.0	330			- 29	5 296
TOTAL CBC	0.000	0.000			- 0.00	0.000 0.00
TOTAL CBD	0.000	0.000			- 0.00	000.0 00
TOTAL CBDV	0.000	0.000			- 0.00	0.000 0.00
TOTAL CBG	1.77	17.7			- 15.	9 15.9
TOTAL CBN	0.000	0.000			- 0.00	0.000 0.000
TOTAL THC	27.2	272			- 24	4 244
TOTAL THCV	0.106	1.06			- 0.95	64 0.954

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.

Moisture Content (%): 10.2 Water Activity (aw): 0.358 @ 24.0°C



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.

Total CBC = $(CBCA \times 0.877) + CBC$ Total CBD = (CBDA x 0.877) + CBD Total CBDV = (CBDVA x 0.867) + CBDV Total CBG = $(CBGA \times 0.878) + CBG$ Total CBN = (CBNA x 0.876) + CBN Total THC = (THCA x 0.877) + Δ 9-THC Total THCV = $(THCVA \times 0.867) + THCV$

Percentage results are reported by mass.

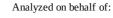
mg/g results are reported as mass component per mass material.













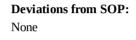
Testing Location:	Customer ID: 2161	Order ID: OR			
Arkansas	River Valley Relief Cultivation	Lot Number:			
232 S. Broadview St.	5601 Old Greenwood Rd Suite C	M00065C1313			
Greenbrier, AR 72058	Fort Smith, AR 72903	Production R			
License: ADH 113	License: 00065C	6090H2025021			
Cultivar (Strain) or Sample Description: Sourdough					

R11522 33000722 Run: 10SDO-3 Sample Type: Primary Matrix: Flower Mass: 13g Date Collected: 03/31/2025 Date Received: 03/31/2025 Date Completed:04/01/2025

Analysis Date/Time:04/01/2025 1235 Analyst: KF

Т	ERP	ENO	ID F	PROI	FILE

Method: GC/MS Instrument: Agilent 7890/5975



i inti yst. Iti		1115	d diffente / gifeite /
<u>Terpene</u>	<u>Result</u> (µg/g)	<u>Result</u> (%)	
α-Bisabolol	628	0.0628	1
Camphene	240	0.0240	
δ-3-Carene	ND	-	
β-Caryophyllene	11800	1.18	
Caryophyllene oxide	174	0.0174	
p-Cymene	<loq< td=""><td>-</td><td></td></loq<>	-	
Eucalyptol	ND	-	
Geraniol	67.0	0.00670	
Guaiol	<loq< td=""><td>-</td><td></td></loq<>	-	
α-Humulene	4990	0.499	
Isopulegol	ND	-	
d-Limonene	7340	0.734	
Linalool	2780	0.278	
β-Myrcene	2320	0.232	
cis-Nerolidol	ND	-	
trans-Nerolidol	1160	0.116	
α-Ocimene	87.8	0.00878	
β-Ocimene	383	0.0383	
α-Pinene	1470	0.147	
β-Pinene	1510	0.151	
α-Terpinene	ND	-	
γ-Terpinene	ND	-	
Terpinolene	98.6	0.00986	
TOTAL	35000	3.50	



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.

Reporting Limit (µg/g): 47.2

"-" Not detected above LOD.













Testing Location:	Customer ID: 2161	Order ID: OR11522	Sample Type: Primary
Arkansas	River Valley Relief Cultivation	Lot Number:	Matrix: Flower
232 S. Broadview St.	5601 Old Greenwood Rd Suite C	M00065C13133000722	Mass: 13g
Greenbrier, AR 72058	Fort Smith, AR 72903	Production Run:	Date Collected: 03/31/2025
License: ADH 113	License: 00065C	6090H20250210SDO-3	Date Received: 03/31/2025
Cultivar (Strain) or Sample De	scription: Sourdough		Date Completed:04/01/2025

Analysis Date/Time: 04/01/2025 1320

PESTICIDES PROFILE (SOP: SOP-PEST-001)

Analysis Date/Time: Analyst: KF	: 04/01/2	025 1320)		Method: LC/MS/M Instrument: Shima		2050	Deviations from SOP: None		
Analyst. INF					msu ument. Simila		0000		TIONE	
<u>Pesticide</u>	<u>Result</u> (µg/g)	<u>LOD</u> (µg/g)	<u>LOQ</u> (µg/g)	<u>Action</u> <u>Level</u> (µg/g)	<u>Pesticide</u>	<u>Result</u> (µg/g)	<u>LOD</u> (µg/g)	<u>LOQ</u> (µg/g)	<u>Action</u> Level (µg/g)	and y
Abamectin (71751-41-2)	-	0.0470	0.376	0.5	Kresoxim-methyl (143390-89-0)	_	0.0470	0.376	0.4	
Acephate (30560-19-1)	-	0.0470	0.376	0.4	· /		0.0470	0.376	0.2	
Acequinocyl (57960-19-7)	-	0.0470	0.376	2	Malathion (121-75-5)		0.0470	0.376	0.2	and the second sec
Acetamiprid (135410-20-7)	-	0.0470	0.376	0.2	Metalaxyl (57837-19-1) Methiocarb (2032-65-7)		0.0470	0.376	0.2	Color Key
Aldicarb (116-06-3)	_	0.0470	0.376	0.4	Methomyl (16752-77-5)		0.0470	0.376	0.2	
Azoxystrobin (131860-33-8)	-	0.0470	0.376	0.2	Methyl parathion (298-0-0)	-	0.0470	0.376	0.2	RESULT < AL RESULT > AL
Bifenazate (149877-41-8)	-	0.0470	0.376	0.2	MGK 264 (113-48-4)	-	0.0470	0.376	0.2	"DET" detected less than LOQ
Bifenthrin (82657-04-3)	-	0.0470	0.376	0.2	Myclobutanil		0.0470	0.376	0.2	"-" not detected above
Boscalid (188425-85-6)	-	0.0470	0.376	0.4	(88671-89-0)	-		0.376	0.2	LOD
Carbaryl (63-25-2)	-	0.0470	0.376	0.2	Naled (300-76-5)	-	0.0470	0.376	0.5	
Carbofuran (1563-66-2)	-	0.0470	0.376	0.2	Oxamyl (23135-22-0)	-	0.0470	0.376	1	Permethrins measured as the cumulative residue of the <i>cis</i> - an
Chlorantraniliprole (800008-45-7)	-	0.0470	0.376	0.2	Paclobutrazol (76738-62-0)	-	0.0470	0.376	0.4	<i>trans</i> - permethrin isomers.
Chlorfenapyr		0.0470	0.376	1	Permethrins (52645-53-1)	-	0.0470	0.376	0.2	Pyrethrins measured as the cumulative residue of the
(122453-73-0)		0.0470	0.370	1	Phosmet (732-11-6)	-	0.0470	0.376	0.2	pyrethrin I, cinerin I, and jasmoli
Chlorpyrifos (2921-88-2)	-	0.0470	0.376	0.2	Piperonyl butoxide	-	0.0470	0.376	2	I isomers.
Clofentezine (74115-24-5)	-	0.0470	0.376	0.2	(51-03-6) Prallethrins (2331-36-9)		0.0470	0.376	0.2	Action levels are
Cyfluthrin (68359-37-5)	-	0.0470	0.376	1	Propiconazole				0.2	referenced from the State of
Cypermethrin (52315-07-8)	-	0.0470	0.376	1	(60207-90-1))	-	0.0470	0.376	0.4	Arkansas MMJ testing
Daminozide (1596-84-5)	-	0.0470	0.376	1	Propoxur (114-26-1)	-	0.0470	0.376	0.2	guidelines.
DDVP (62-73-7)	-	0.0470	0.376	0.1	Pyrethrins (8003-34-7)	-	0.0470	0.376	1	A value of "-" for the action leve
Diazinon (333-41-5)	-	0.0470	0.376	0.2	Pyridaben (96489-71-3)	-	0.0470	0.376	0.2	means that analyte is not
Dimethoate (60-51-5)	-	0.0470	0.376	0.2	Spinosad (168316-95-8)	-	0.0470	0.376	0.2	currently regulated by the regulations referenced above.
Ethoprophos (13194-48-4)	-	0.0470	0.376	0.2	Spiromesifen (283594-90-1)	-	0.0470	0.376	0.2	U
Etofenprox (80844-07-1)	-	0.0470	0.376	0.4	(283394-90-1) Spirotetramat					Disclaimer: This information is provided as a service and makes
Etoxazole (153233-91-1)	-	0.0470	0.376	0.2	(203313-25-1)	-	0.0470	0.376	0.2	no claims of efficacy and/or safe
Fenoxycarb (72490-01-8)	-	0.0470	0.376	0.2	Spiroxamine		0.0470	0.376	0.4	of this product. Results are applicable only for the sample(s
(E)-Fenpyroximate (134098-61-6)	-	0.0470	0.376	0.4	(118134-30-8) Tebuconazole		0.0470	0.376	0.4	analyzed and for the specific analysis conducted. This report
Fipronil (120068-37-3)	-	0.0470	0.376	0.4	(80443-41-0)		0.0470	0.370	0.4	for informational purposes only
Flonicamid (158062-67-0)	-	0.0470	0.376	1	Thiacloprid (111988-49-9)	-	0.0470	0.376	0.2	and should not be used to diagnose, treat, or prevent any
Fludioxinil (131341-86-1)	-	0.0470	0.376	0.4	. ,					medical-related symptoms. The
Hexythiazox (78587-05-0)	-	0.0470	0.376	1	Thiamethoxam (153719-23-4)	-	0.0470	0.376	0.2	statements and results herein have not been approved and/or
Imazalil (35554-44-0)	-	0.0470	0.376	0.2	Trifloxystrobin		0.0470	0.270	0.2	endorsed by the FDA.
Imidacloprid (138261-41-3)	-	0.0470	0.376	0.4	(141517-21-7)		0.0470	0.376	0.2	, , , , , , , , , , , , , , , , , , ,

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

Pes	sticide	<u>Synonym(s)</u>	Pesticide	<u>Synonym(s)</u>	Pesticide	Synonym(s)
Cyt	fluthrin	Baythroid	Myclobutanil	Systhane	Propiconazole	Tilt
DD	OVP	Dichlorvos	Naled	Dibrom	Propoxur	Baygon
Eth	oprophos	Prophos	Phosmet	Imidan		



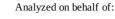
REPORT OF LABORATORY ANALYSIS This report shall not be reproduced, except in full, without the written consent of Felling Analytical Services and Technology (F.A.S.T.), LLC



www.FASTLaboratories.com









Testing Location:	Customer ID: 2161	Order ID: OR11522	Sample Type: Primary
Arkansas	River Valley Relief Cultivation	Lot Number:	Matrix: Flower
232 S. Broadview St.	5601 Old Greenwood Rd Suite C	M00065C13133000722	Mass: 13g
Greenbrier, AR 72058	Fort Smith, AR 72903	Production Run:	Date Collected: 03/31/2025
License: ADH 113	License: 00065C	6090H20250210SDO-3	Date Received: 03/31/2025
Cultivar (Strain) or Sample Description: Sourdough			Date Completed:04/01/2025

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

Analysis Date/Ti	me: 04/01/2025 1	316	Method: IC		Deviations from SOP: None
Analyst: KF			instrumen	it: Agilent 7700x	INOIIE
<u>Heavy Metal</u>	<u>Result</u> (µg/kg)	<u>LOD</u> (µg/kg)	<u>LOQ</u> (µg/kg)	<u>Action Level</u> (µg/kg)	
Arsenic (As)	ND	59.2	93.7	200	
Cadmium (Cd)	ND	59.2	93.7	200	A State of Asy
Lead (Pb)	ND	59.2	93.7	500	
Mercury (Hg)	ND	59.2	93.7	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.

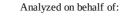
Disclaimer: This information is provided as a service and makes no claims of efficacy and/or safety of this product. Results are applicable only for the sample(s) analyzed and for the specific analysis conducted. This report is for informational purposes only and should not be used to diagnose, treat,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

Kyle W. Felling, Ph.D. ory Directo











Testing Location:	Customer ID: 2161	Sample ID: SA40667	Sample Type: Primary
Arkansas	River Valley Relief Cultivation	Lot Number:	Matrix: Flower
232 S. Broadview St.	5601 Old Greenwood Rd Suite C	M00065C13133000722	Mass: 13g
Greenbrier, AR 72058	Fort Smith, AR 72903	Production Run:	Date Collected: 03/31/2025
License: ADA 05_H273	License: 00065C	6090H20250210SDO-3	Date Received: 03/31/2025
Cultivar (Strain) or Sample I	Date Completed:04/01/2025		

MICROBIOLOGICAL PROFILE (SOP: SOP-Micro-001)

Analysis Date/Time: 04/01/20 Analyst: PW		thod: Hardy Diagnostics CompactDry trument: Thermo Incubator	Deviations from SOP: None
<u>Bacteria/Microbe</u>	<u>Result</u> (CFU/g)	<u>Action Level</u> (CFU/g)	
Aerobic Plate Count	NT	-	ANTA
Coliforms, Total	Absent	1	The second
Escherichia Coli (E. Coli)	Absent	100	South Parts
Mold/Yeast	NT	-	
Pseudomonas aeruginosa	NT	-	the state of the s
Salmonella spp.	NT	-	has a series and the series of
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





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.



