





SUMMARY OF ANALYSIS (SAMPLE ID: SA40925)

Testing Location:	Customer ID: 2161	Order ID: OR11570	Sample Type: Primary
Arkansas	River Valley Relief Cultivation	Lot Number:	Matrix: Flower
232 S. Broadview St.	5601 Old Greenwood Rd Suite C	M00065C13139190346	Mass: 23g
Greenbrier, AR 72058	Fort Smith, AR 72903	Production Run:	Date Collected: 04/28/2025
License: ADH 113	License: 00065C	2093H20250312HSP-4	Date Received: 04/28/2025
Cultivar (Strain) or Sample Des	Date Completed:04/30/2025		

*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.

*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 (%)	Water Activity (aw)	PASS/FAIL
10.9	0.407 @ 24.3°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.

Cannabino	<u>ids (Top 3)</u>	<u>(%)</u>	mg/g
TH	CA	28.6	286
Δ9-7	ГНС	1.63	16.3
CB	GA	0.605	6.05
TOTA	L CBD	0.000	0.000
TOTA	L THC	26.7	267
TOTAL CAN	NABINOIDS	31.1	311
Terpene	<u>s (Top 5)</u>	<u>(%)</u>	<u>ppm</u>
d-Lim	onene	1.33	13300
β-Caryoj	phyllene	0.855	8550
Lina	lool	0.844	8440
β-My	rcene	0.458	4580
α-Hun	nulene	0.320	3200
α-Hun TOTAL T		0.320 4.51	3200 45100

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.

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

Kyle W. Felling, Ph.D. Laboratory Director

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License: ADH 113	License: 00065C	2093H20250312HSP-4	Date Received: 04/28/2025		
Cultivar (Strain) or Sample Description: Halloween SpecialDate Completed:04/30/202					

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

Analysis Date/Time: 04/29/2025 1550 Analyst: PW Method: HPLC/DAD Instrument: Agilent 1100

<u>Cannabinoid</u>	<u>Result</u> (%)	<u>Result</u> (mg/g)	LOD (mg/g)	<u>LOQ</u> (mg/g)	<u>Result</u> (mg/ mL)	<u>Per</u> <u>Serving</u> (mg)	<u>Per</u> 5 <u>Unit</u> (<u>mg)</u>
CBC	ND	ND	0.0418	0.0974	-	0.000	0.000
CBCA	ND	ND	0.130	0.303	-	0.000	0.000
CBD	ND	ND	0.294	0.687	-	0.000	0.000
CBDA	ND	ND	0.108	0.253	-	0.000	0.000
CBDV	ND	ND	0.0472	0.110	-	0.000	0.000
CBDVA	ND	ND	0.126	0.294	-	0.000	0.000
CBG	0.155	1.55	0.191	0.446	-	1.38	1.38
CBGA	0.605	6.05	0.271	0.320	-	5.39	5.39
CBL	ND	ND	0.221	0.516	-	0.000	0.000
CBN	ND	ND	0.101	0.237	-	0.000	0.000
CBNA	ND	ND	0.110	0.255	-	0.000	0.000
Δ9-ΤΗC	1.63	16.3	0.122	0.283	-	14.5	14.5
Δ8-ΤΗΟ	ND	ND	0.190	0.443	-	0.000	0.000
THCA	28.6	286	0.0659	0.154	-	255	255
THCV	ND	ND	0.158	0.369	-	0.000	0.000
THCVA	0.0898	0.898	0.0505	0.118	-	0.800	0.800
TOTAL	31.1	311				277	277
TOTAL CBC	0.000	0.000				0.000	0.000
TOTAL CBD	0.000	0.000			-	0.000	0.000
TOTAL CBDV	0.000	0.000			-	0.000	0.000
TOTAL CBG	0.686	6.86			-	6.11	6.11
TOTAL CBN	0.000	0.000			-	0.000	0.000
TOTAL THC	26.7	267			-	238	238
TOTAL THCV	0.0779	0.779			-	0.694	0.694

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)

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Moisture Content (%): 10.9 **Water Activity (aw):** 0.407 @ 24.3°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.

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) + Δ 9-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.

. Felling, Ph.D

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







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River Valley Relief Cultivation	Lot Number:	Matrix: Flower			
5601 Old Greenwood Rd Suite C	M00065C13139190346	Mass: 23g			
Fort Smith, AR 72903	Production Run:	Date Collected: 04/28/2025			
License: 00065C	2093H20250312HSP-4	Date Received: 04/28/2025			
Cultivar (Strain) or Sample Description: Halloween Special					
	River Valley Relief Cultivation 5601 Old Greenwood Rd Suite C Fort Smith, AR 72903 License: 00065C	River Valley Relief CultivationLot Number:5601 Old Greenwood Rd Suite CM00065C13139190346Fort Smith, AR 72903Production Run:License: 00065C2093H20250312HSP-4			

Analysis Date/Time:04/29/2025 1734 Analyst: KF

TERPENOID PROFILE

Method: GC/MS Instrument: Agilent 7890/5975

Deviations from SOP: None

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<u>Terpene</u>	<u>Result</u> (ppm)	<u>Result</u> (%)		
α-Bisabolol	786	0.0786		Contraction of the
Camphene	347	0.0347		The second
δ-3-Carene	ND	-		Sell and
β-Caryophyllene	8550	0.855		A.M.
Caryophyllene oxide	61.4	0.00614		(ALASI)
p-Cymene	57.4	0.00574		Ve Sector
Eucalyptol	<loq< td=""><td>-</td><td></td><td>Sector State</td></loq<>	-		Sector State
Geraniol	185	0.0185		
Guaiol	<loq< td=""><td>-</td><td></td><td>Abbreviations: GC -</td></loq<>	-		Abbreviations: GC -
α-Humulene	3200	0.320		Chromatography, M
Isopulegol	ND	-		Spectrometry, RL -
d-Limonene	13300	1.33		Abbreviations: ND LOD - Limit of Det
Linalool	8440	0.844		of Quantitation
β-Myrcene	4580	0.458		This information is pand makes no claims
cis-Nerolidol	ND	-		safety of this produc
trans-Nerolidol	ND	-		Results are applicab sample(s) analyzed
α-Ocimene	146	0.0146		analysis conducted.
β-Ocimene	425	0.0425		This report is for inf
α-Pinene	2270	0.227		only and should not treat, or prevent any
β-Pinene	2530	0.253	•	medical-related sym
α-Terpinene	ND	-		The statements and a not been approved a
γ-Terpinene	<loq< td=""><td>-</td><td></td><td>the FDA.</td></loq<>	-		the FDA.
Terpinolene	157	0.0157		
TOTAL	45100	4.51		Rej
				-

- Gas MS - Mass

- Reporting Limit) - Not Detected, , etection, LOQ - Limit

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able only for the d and for the specific

nformational purposes ot be used to diagnose, ıy

mptoms.

d results herein have and/or endorsed by

eporting Limit (ppm): 45.8

"-" Not detected above LOD.









Deviations from SOP:

None



CERTIFICATE OF ANALYSIS (SAMPLE ID: SA40925)

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License: ADH 113 License: 00065C		2093H20250312HSP-4	Date Received: 04/28/2025
Cultivar (Strain) or Sample D	Date Completed:04/30/2025		

Analysis Date/Time: 04/29/2025 1639 Analyst: KF

PESTICIDES PROFILE (SOP: SOP-PEST-001)

Method: LC/MS/MS Instrument: Shimadzu LC-8050

<u>Pesticide</u>	<u>Result</u> (ppm)	<u>LOD</u> (ppm)	<u>LOQ</u> (ppm)	<u>Action</u> <u>Level</u> (ppm)	<u>Pesticide</u>	<u>Result</u> (ppm)	<u>LOD</u> (ppm)	<u>LOQ</u> (ppm)	<u>Action</u> <u>Level</u> (ppm)	and have
Abamectin (71751-41-2)	-	0.0456	0.365	0.5	Kresoxim-methyl	_	0.0456	0.365	0.4	
Acephate (30560-19-1)	-	0.0456	0.365	0.4	(143390-89-0)					Contraction of the second
Acequinocyl (57960-19-7)	-	0.0456	0.365	2	Malathion (121-75-5)	-	0.0456	0.365	0.2	
Acetamiprid (135410-20-7)	-	0.0456	0.365	0.2	Metalaxyl (57837-19-1) Methiocarb (2032-65-7)	-	0.0456 0.0456	0.365 0.365	0.2 0.2	<u>Color Key</u>
Aldicarb (116-06-3)	-	0.0456	0.365	0.4	Methomyl (16752-77-5)	-	0.0456	0.365	0.4	RESULT < AL
Azoxystrobin (131860-33-8)	-	0.0456	0.365	0.2	Methyl parathion (298-0-0)	-	0.0456	0.365	0.2	RESULT > AL
Bifenazate (149877-41-8)	-	0.0456	0.365	0.2	MGK 264 (113-48-4)	-	0.0456	0.365	0.2	"DET" detected less than LOQ
Bifenthrin (82657-04-3)	-	0.0456	0.365	0.2	Myclobutanil	_	0.0456	0.365	0.2	"-" not detected above
Boscalid (188425-85-6)	-	0.0456	0.365	0.4	(88671-89-0)					LOD
Carbaryl (63-25-2)	-	0.0456	0.365	0.2	Naled (300-76-5)	-	0.0456	0.365	0.5	Permethrins measured as the
Carbofuran (1563-66-2)	-	0.0456	0.365	0.2	Oxamyl (23135-22-0)	-	0.0456	0.365	1	cumulative residue of the <i>cis</i> - and
Chlorantraniliprole (800008-45-7)	-	0.0456	0.365	0.2	Paclobutrazol (76738-62-0)	-	0.0456	0.365	0.4	<i>trans</i> - permethrin isomers.
Chlorfenapyr		0.0456	0.365	1	Permethrins (52645-53-1)	-	0.0456	0.365	0.2	Pyrethrins measured as the cumulative residue of the
(122453-73-0)					Phosmet (732-11-6)	-	0.0456	0.365	0.2	pyrethrin I, cinerin I, and jasmolin
Chlorpyrifos (2921-88-2)	-	0.0456	0.365	0.2	Piperonyl butoxide (51-03-6)	-	0.0456	0.365	2	I isomers.
Clofentezine (74115-24-5)	-	0.0456	0.365	0.2	(31-03-0) Prallethrins (2331-36-9)		0.0456	0.365	0.2	Action levels are
Cyfluthrin (68359-37-5)	-	0.0456	0.365	1	Propiconazole					referenced from the State of
Cypermethrin (52315-07-8)	-	0.0456	0.365	1	(60207-90-1))	-	0.0456	0.365	0.4	Arkansas MMJ testing guidelines.
Daminozide (1596-84-5)	-	0.0456	0.365	1	Propoxur (114-26-1)	-	0.0456	0.365	0.2	guidennes.
DDVP (62-73-7)	-	0.0456	0.365	0.1	Pyrethrins (8003-34-7)	-	0.0456	0.365	1	A value of "-" for the action level
Diazinon (333-41-5)	-	0.0456	0.365	0.2	Pyridaben (96489-71-3)	-	0.0456	0.365	0.2	means that analyte is not currently regulated by the
Dimethoate (60-51-5)	-	0.0456	0.365	0.2	Spinosad (168316-95-8)	-	0.0456	0.365	0.2	regulations referenced above.
Ethoprophos (13194-48-4)	-	0.0456	0.365	0.2	Spiromesifen (283594-90-1)	-	0.0456	0.365	0.2	Disclaimer: This information is
Etofenprox (80844-07-1)	-	0.0456	0.365	0.4	Spirotetramat		0.0450	0.265	0.2	provided as a service and makes
Etoxazole (153233-91-1)	-	0.0456	0.365	0.2	(203313-25-1)	-	0.0456	0.365	0.2	no claims of efficacy and/or safety
Fenoxycarb (72490-01-8)	-	0.0456	0.365	0.2	Spiroxamine	_	0.0456	0.365	0.4	of this product. Results are applicable only for the sample(s)
(E)-Fenpyroximate (134098-61-6)	-	0.0456	0.365	0.4	(118134-30-8) Tebuconazole	_	0.0456	0.365	0.4	analyzed and for the specific analysis conducted. This report is
Fipronil (120068-37-3)	-	0.0456	0.365	0.4	(80443-41-0)		0.0450	0.505	0.4	for informational purposes only
Flonicamid (158062-67-0)	-	0.0456	0.365	1	Thiacloprid (111988-49-9)	-	0.0456	0.365	0.2	and should not be used to diagnose, treat, or prevent any
Fludioxinil (131341-86-1)	-	0.0456	0.365	0.4	· · · ·					medical-related symptoms. The
Hexythiazox (78587-05-0)	-	0.0456	0.365	1	Thiamethoxam (153719-23-4)	-	0.0456	0.365	0.2	statements and results herein have
Imazalil (35554-44-0)	-	0.0456	0.365	0.2	Trifloxystrobin		0.0.170	0.205	0.5	not been approved and/or endorsed by the FDA.
Imidacloprid (138261-41-3)	-	0.0456	0.365	0.4	(141517-21-7)	-	0.0456	0.365	0.2	ž

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



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







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Cultivar (Strain) or Sample De	Date Completed:04/30/2025		

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

Analysis Date/Time: 04/29/2025 1725			Method: ICP/MS Instrument: Agilent 7700x		Deviations from SOP: None
Analyst: KF				-	
<u>Heavy Metal</u>	<u>Result</u> (ppb)	<u>LOD</u> (ppb)	<u>LOQ</u> (ppb)	<u>Action Level</u> (ppb)	
Arsenic (As)	ND	57.5	91.1	200	A A A A A A A A A A A A A A A A A A A
Cadmium (Cd)	ND	57.5	91.1	200	
Lead (Pb)	ND	57.5	91.1	500	Contraction of the second
Mercury (Hg)	ND	57.5	91.1	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.

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W. Felling, Ph.D. rv Dir

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-	License: 00065C	2093H20250312HSP-4	Date Received: 04/28/2025
Cultivar (Strain) or Sample I	Date Completed:04/30/2025		

MICROBIOLOGICAL PROFILE (SOP: SOP-Micro-001)

Analysis Date/Time: 04/29/20 Analyst: PW		d: Hardy Diagnostics CompactDr ment: Thermo Incubator	y Deviations from SOP: None
Bacteria/Microbe	<u>Result</u> (CFU/g)	<u>Action Level</u> (CFU/g)	Martak
Aerobic Plate Count	NT	-	Part of the second s
Coliforms, Total	Absent	1	The The The The
Escherichia Coli (E. Coli)	Absent	100	the second second second
Mold/Yeast	NT	-	
Pseudomonas aeruginosa	NT	-	and the R. Ballerine
Salmonella spp.	NT	-	Side million of the second
Staphylococcus aureus	NT	-	TOP. HAR

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





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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.

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