

License: ADH 113





Date Received: 05/01/2025

SUMMARY OF ANALYSIS (SAMPLE ID: SA40974)

Order ID: OR11576 **Testing Location:** Customer ID: 2161 Sample Type: Primary Arkansas River Valley Relief Cultivation Lot Number: Matrix: Flower

232 S. Broadview St. 5601 Old Greenwood Rd Suite C M00065C13135592179 **Mass:** 23g Greenbrier, AR 72058 Fort Smith, AR 72903 **Production Run: Date Collected:** 05/01/2025

Cultivar (Strain) or Sample Description: Lollipop **Date Completed:**05/05/2025

^{*}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
9.50	0.411 @ 24.1°C	PASS

2093H20250312LOP-6

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

License: 00065C

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	29.2	292
Δ9-ΤΗС	1.02	10.2
CBGA	0.807	8.07
TOTAL CBD	0.000	0.000
TOTAL THC	26.6	266
TOTAL CANNABINOIDS	31.2	312
Townson (Ton 5)	(0/)	
<u>Terpenes (Top 5)</u>	<u>(%)</u>	<u>ppm</u>
Linalool	(%) 0.569	ppm 5690
		= =
Linalool	0.569	5690
Linalool d-Limonene	0.569 0.569	5690 5690
Linalool d-Limonene β-Caryophyllene	0.569 0.569 0.443	5690 5690 4430
Linalool d-Limonene β-Caryophyllene β-Myrcene	0.569 0.569 0.443 0.311	5690 5690 4430 3110

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





W. Felling, Ph.D.

Scan the QR code to verify results.

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^{*}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







CERTIFICATE OF ANALYSIS (SAMPLE ID: SA40974)

Testing Location:Customer ID: 2161Order ID: OR11576Sample Type: PrimaryArkansasRiver Valley Relief CultivationLot Number:Matrix: Flower232 S. Broadview St.5601 Old Greenwood Rd Suite CM00065C13135592179Mass: 23g

Greenbrier, AR 72058 Fort Smith, AR 72903 **Production Run: Date Collected:** 05/01/2025 License: ADH 113 License: 00065C 2093H20250312LOP-6 **Date Received:** 05/01/2025

Cultivar (Strain) or Sample Description: Lollipop

Date Completed: 05/05/2025

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

Analysis Date/Time: 05/02/2025 1417 Method: HPLC/DAD Moisture Content (%): 9.50

Analyst: PW Instrument: Agilent 1100 Water Activity (aw): 0.411 @ 24.1°C

<u>Cannabinoid</u>	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)	Result (mg/ mL)	<u>Per</u> Serving (mg)	Per Unit (mg)
CBC	ND	ND	0.0449	0.105	-	0.000	0.000
CBCA	ND	ND	0.139	0.325	-	0.000	0.000
CBD	ND	ND	0.317	0.739	-	0.000	0.000
CBDA	ND	ND	0.117	0.272	-	0.000	0.000
CBDV	ND	ND	0.0508	0.119	-	0.000	0.000
CBDVA	ND	ND	0.135	0.316	-	0.000	0.000
CBG	0.0665	0.665	0.206	0.480	-	0.602	0.602
CBGA	0.807	8.07	0.291	0.344	-	7.30	7.30
CBL	ND	ND	0.237	0.555	-	0.000	0.000
CBN	ND	ND	0.109	0.255	-	0.000	0.000
CBNA	ND	ND	0.118	0.275	-	0.000	0.000
Δ9-ΤΗС	1.02	10.2	0.131	0.305	-	9.21	9.21
Δ8-ΤΗС	ND	ND	0.204	0.476	-	0.000	0.000
THCA	29.2	292	0.0709	0.166	-	264	264
THCV	ND	ND	0.170	0.397	-	0.000	0.000
THCVA	0.123	1.23	0.0544	0.126	-	1.11	1.11
TOTAL	31.2	312				282	282
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	0.775	7.75			-	7.01	7.01
TOTAL CBN	0.000	0.000			-	0.000	0.000
TOTAL THC	26.6	266			-	241	241
TOTAL THCV	0.106	1.06			-	0.962	0.962

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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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.





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05/05/2025









CERTIFICATE OF ANALYSIS (SAMPLE ID: SA40974)

Sample Type: Primary Order ID: OR11576 **Testing Location:** Customer ID: 2161 Arkansas River Valley Relief Cultivation Lot Number: Matrix: Flower 232 S. Broadview St. 5601 Old Greenwood Rd Suite C M00065C13135592179 Mass: 23g

Fort Smith, AR 72903 **Date Collected:** 05/01/2025 Greenbrier, AR 72058 **Production Run:** 2093H20250312LOP-6 License: ADH 113 License: 00065C **Date Received:** 05/01/2025

Cultivar (Strain) or Sample Description: Lollipop Date Completed: 05/05/2025

TERPENOID PROFILE

Analysis Date/Time:05/02/2025 1413 Method: GC/MS **Deviations from SOP: Analyst: KF** Instrument: Agilent 7890/5975 None

<i>3</i>			0
<u>Terpene</u>	<u>Result</u> (ppm)	Result (%)	
$\alpha ext{-Bisabolol}$	ND	-	
Camphene	223	0.0223	
δ-3-Carene	ND	-	
β-Caryophyllene	4430	0.443	
Caryophyllene oxide	82.2	0.00822	
p-Cymene	<loq< td=""><td>-</td><td></td></loq<>	-	
Eucalyptol	ND	-	
Geraniol	<loq< td=""><td>-</td><td></td></loq<>	-	
Guaiol	ND	-	Albumintana CC Con
α-Humulene	1600	0.160	Abbreviations: GC - Gas Chromatography, MS - Mass
Isopulegol	ND	-	Spectrometry, RL - Reporting Limit
d-Limonene	5690	0.569	Abbreviations: ND - Not Detected, , LOD - Limit of Detection, LOQ - Lin
Linalool	5690	0.569	of Quantitation
β-Myrcene	3110	0.311	This information is provided as a ser and makes no claims of efficacy and/
cis-Nerolidol	ND	-	safety of this product.
trans-Nerolidol	1140	0.114	Results are applicable only for the sample(s) analyzed and for the specif
α-Ocimene	57.6	0.00576	analysis conducted.
β-Ocimene	58.9	0.00589	This report is for informational purpo
α-Pinene	672	0.0672	only and should not be used to diagno treat, or prevent any
β-Pinene	1290	0.129	medical-related symptoms.
α-Terpinene	ND	-	The statements and results herein hav not been approved and/or endorsed b
γ-Terpinene	ND	-	the FDA.
Terpinolene	69.1	0.00691	
TOTAL	24100	2.41	Reporting Limit (
			•

"-" Not detected above LOD.





REPORT OF LABORATORY ANALYSIS

None



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CERTIFICATE OF ANALYSIS (SAMPLE ID: SA40974)

Testing Location:Customer ID: 2161Order ID: OR11576Sample Type: PrimaryArkansasRiver Valley Relief CultivationLot Number:Matrix: Flower

232 S. Broadview St. 5601 Old Greenwood Rd Suite C M00065C13135592179 Mass: 23g
Greenbrier, AR 72058 Fort Smith, AR 72903 Production Run: Date Collected: 05/01/2025

Cultivar (Strain) or Sample Description: Lollipop

Date Completed: 05/05/2025

PESTICIDES PROFILE (SOP: SOP-PEST-001)

2093H20250312LOP-6

Analysis Date/Time: 05/02/2025 1821 **Method:** LC/MS/MS **Deviations from SOP:**

Analyst: KF Instrument: Shimadzu LC-8050

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<u>Pesticide</u>	Result (ppm)	<u>LOD</u> (ppm)	<u>LOQ</u> (<u>ppm)</u>	Action Level (ppm)	<u>Pesticide</u>	Result (ppm)	<u>LOD</u> (ppm)	LOQ (ppm)	Action Level (ppm)
Abamectin (71751-41-2)	-	0.0490	0.392	0.5	Kresoxim-methyl	_	0.0490	0.392	0.4
Acephate (30560-19-1)	-	0.0490	0.392	0.4	(143390-89-0)				
Acequinocyl (57960-19-7)	-	0.0490	0.392	2	Malathion (121-75-5)	-	0.0490	0.392	0.2
Acetamiprid (135410-20-7)	-	0.0490	0.392	0.2	Metalaxyl (57837-19-1) Methiocarb (2032-65-7)	-	0.0490 0.0490	0.392 0.392	0.2 0.2
Aldicarb (116-06-3)	-	0.0490	0.392	0.4	Methomyl (16752-77-5)	-	0.0490	0.392	0.4
Azoxystrobin (131860-33-8)	-	0.0490	0.392	0.2	Methyl parathion (298-0-0)	-	0.0490	0.392	0.2
Bifenazate (149877-41-8)	-	0.0490	0.392	0.2	MGK 264 (113-48-4)	-	0.0490	0.392	0.2
Bifenthrin (82657-04-3)	-	0.0490	0.392	0.2	Myclobutanil		0.0490	0.392	0.2
Boscalid (188425-85-6)	-	0.0490	0.392	0.4	(88671-89-0)		0.0430	0.552	0.2
Carbaryl (63-25-2)	-	0.0490	0.392	0.2	Naled (300-76-5)	-	0.0490	0.392	0.5
Carbofuran (1563-66-2)	-	0.0490	0.392	0.2	Oxamyl (23135-22-0)	-	0.0490	0.392	1
Chlorantraniliprole (800008-45-7)	-	0.0490	0.392	0.2	Paclobutrazol (76738-62-0)	-	0.0490	0.392	0.4
Chlorfenapyr		0.0400	0.202	1	Permethrins (52645-53-1)	-	0.0490	0.392	0.2
(122453-73-0)	-	0.0490	0.392	1	Phosmet (732-11-6)	-	0.0490	0.392	0.2
Chlorpyrifos (2921-88-2)	-	0.0490	0.392	0.2	Piperonyl butoxide	2	0.0490	0.392	2
Clofentezine (74115-24-5)	-	0.0490	0.392	0.2	(51-03-6)		0.0400		0.0
Cyfluthrin (68359-37-5)	-	0.0490	0.392	1	Prallethrins (2331-36-9)	-	0.0490	0.392	0.2
Cypermethrin (52315-07-8)	-	0.0490	0.392	1	Propiconazole (60207-90-1))	-	0.0490	0.392	0.4
Daminozide (1596-84-5)	-	0.0490	0.392	1	Propoxur (114-26-1)	-	0.0490	0.392	0.2
DDVP (62-73-7)	-	0.0490	0.392	0.1	Pyrethrins (8003-34-7)	-	0.0490	0.392	1
Diazinon (333-41-5)	-	0.0490	0.392	0.2	Pyridaben (96489-71-3)	-	0.0490	0.392	0.2
Dimethoate (60-51-5)	-	0.0490	0.392	0.2	Spinosad (168316-95-8)	-	0.0490	0.392	0.2
Ethoprophos (13194-48-4)	-	0.0490	0.392	0.2	Spiromesifen (283594-90-1)	_	0.0490	0.392	0.2
Etofenprox (80844-07-1)	-	0.0490	0.392	0.4	Spirotetramat				
Etoxazole (153233-91-1)	-	0.0490	0.392	0.2	(203313-25-1)	-	0.0490	0.392	0.2
Fenoxycarb (72490-01-8)	-	0.0490	0.392	0.2	Spiroxamine		0.0490	0.392	0.4
(E)-Fenpyroximate (134098-61-6)	-	0.0490	0.392	0.4	(118134-30-8) Tebuconazole	-	0.0490	0.392	0.4
Fipronil (120068-37-3)	-	0.0490	0.392	0.4	(80443-41-0)		0.0490	0.392	0.4
Flonicamid (158062-67-0)	-	0.0490	0.392	1	Thiacloprid		0.0490	0.392	0.2
Fludioxinil (131341-86-1)	-	0.0490	0.392	0.4	(111988-49-9)				
Hexythiazox (78587-05-0)	-	0.0490	0.392	1	Thiamethoxam (153719-23-4)	-	0.0490	0.392	0.2
Imazalil (35554-44-0)	-	0.0490	0.392	0.2	Trifloxystrobin				
Imidacloprid (138261-41-3)	-	0.0490	0.392	0.4	(141517-21-7)		0.0490	0.392	0.2



Color Key

Date Received: 05/01/2025

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.

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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

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











Date Received: 05/01/2025

CERTIFICATE OF ANALYSIS (SAMPLE ID: SA40974)

 Testing Location:
 Customer ID: 2161
 Order ID: OR11576
 Sample Type: Primary

 Arkansas
 River Valley Relief Cultivation
 Lot Number:
 Matrix: Flower

232 S. Broadview St. 5601 Old Greenwood Rd Suite C M00065C13135592179 Mass: 23g
Greenbrier, AR 72058 Fort Smith, AR 72903 Production Run: Date Collected: 05/01/2025

Cultivar (Strain) or Sample Description: Lollipop

Date Completed: 05/05/2025

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

2093H20250312LOP-6

Analysis Date/Time: 05/02/2025 1552 Method: ICP/MS Deviations from SOP:

Instrument: Agilent 7700x None

Analyst: KF

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<u>Heavy Metal</u>	<u>Result</u> (ppb)	<u>LOD</u> (ppb)	<u>LOQ</u> (ppb)	Action Level (ppb)
Arsenic (As)	ND	59.6	94.3	200
Cadmium (Cd)	ND	59.6	94.3	200
Lead (Pb)	ND	59.6	94.3	500
Mercury (Hg)	ND	59.6	94.3	100

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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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Date Received: 05/01/2025

CERTIFICATE OF ANALYSIS (SAMPLE ID: SA40974)

Testing Location:Customer ID: 2161Sample ID: SA40974Sample Type: PrimaryArkansasRiver Valley Relief CultivationLot Number:Matrix: Flower

232 S. Broadview St. 5601 Old Greenwood Rd Suite C M00065C13135592179 Mass: 23g
Greenbrier, AR 72058 Fort Smith, AR 72903 Production Run: Date Collected: 05/01/2025

Cultivar (Strain) or Sample Description: Lollipop

Date Completed: 05/05/2025

MICROBIOLOGICAL PROFILE (SOP: SOP-Micro-001)

2093H20250312LOP-6

Analysis Date/Time: 05/02/2025 1107 Method: Hardy Diagnostics CompactDry Deviations from SOP:

Analyst: PW Instrument: Thermo Incubator None

Bacteria/Microbe	<u>Result</u> (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	-

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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)

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