

License: ADH 113







Date Received: 09/05/2024

SUMMARY OF ANALYSIS (SAMPLE ID: SA38808)

Testing Location:Customer ID: 2168Order ID: OR11186Sample Type: PrimaryArkansasRiver Valley Relief MIPSLot Number:Matrix: Concentrate

232 S. Broadview St. 5601 Old Greenwood Rd Suite C M00065C13246110515 Mass: 4ea

Greenbrier, AR 72058 Fort Smith, AR 72903 Production Run: Date Collected: 09/05/2024

Cultivar (Strain) or Sample Description: Fresh Water Taffy Hybrid Live Badder 1g Jar

Date Completed: 09/08/2024

*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/FAILNot TestedNot TestedPASS

E20240904FWTLB01

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

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

Cannabino	oids (Top 3)	<u>(%)</u>	mg/g
TH	CA	92.6	926
CB	GA	1.84	18.4
CB	CA	0.665	6.65
TOTA	L CBD	-	-
TOTA	LTHC	81.8	818
TOTAL CAN	NABINOIDS	96.5	965
<u>Terpene</u>	s (Top 5)	<u>(%)</u>	ħã∕ā
d-Lim	onene	0.899	8990
β-Caryo	phyllene	0.830	8300
β-Му	rcene	0.604	6040
Lina	alool	0.446	4460
α-Hun	nulene	0.345	3450
TOTAL T	ERPENES	3.50	35000
Contaminants	PASS/FAIL	Sample Pictur	e Upon Receipt

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





Scan the QR code to verify results.

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 Testing Location:
 Customer ID: 2168
 Order ID: OR11186
 Sample Type: Primary

 Arkansas
 River Valley Relief MIPS
 Lot Number:
 Matrix: Concentrate

232 S. Broadview St. 5601 Old Greenwood Rd Suite C M00065C13246110515 **Mass:** 4ea

Greenbrier, AR 72058 Fort Smith, AR 72903 **Production Run:** Date Collected: 09/05/2024 License: ADH 113 License: 00065C E20240904FWTLB01 Date Received: 09/05/2024

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

Analysis Date/Time: 09/06/2024 1605 **Method:** HPLC/DAD **Analyst:** PW **Instrument:** Agilent 1100

Cultivar (Strain) or Sample Description: Fresh Water Taffy Hybrid Live Badder 1g Jar

<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	0.106	0.247	-	-	-
CBCA	0.665	6.65	0.329	0.767	-	6.65	6.65
CBD	ND	ND	0.746	1.74	-	-	-
CBDA	ND	ND	0.275	0.642	-	-	-
CBDV	ND	ND	0.120	0.279	-	-	-
CBDVA	ND	ND	0.319	0.745	-	-	-
CBG	0.340	3.40	0.485	1.13	-	3.40	3.40
CBGA	1.84	18.4	0.687	0.810	-	18.4	18.4
CBL	ND	ND	0.560	1.31	-	-	-
CBN	ND	ND	0.257	0.601	-	-	-
CBNA	ND	ND	0.278	0.647	-	-	-
Δ9-ΤΗС	0.576	5.76	0.308	0.719	-	5.76	5.76
Δ8-ΤΗС	ND	ND	0.481	1.12	-	-	-
THCA	92.6	926	0.167	0.391	-	926	926
THCV	ND	ND	0.401	0.935	-	-	-
THCVA	0.435	4.35	0.128	0.298	-	4.35	4.35
TOTAL	96.5	965				965	965
TOTAL CBC	0.583	5.83			-	5.83	5.83
TOTAL CBD	-	-			-	-	-
TOTAL CBDV	-	-			-	-	-
TOTAL CBG	1.95	19.5			-	19.5	19.5
TOTAL CBN	-	-			-	-	-
TOTAL THC	81.8	818			-	818	818
TOTAL THCV	0.378	3.78			-	3.78	3.78

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, UM - Measurement Uncertainty

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Moisture Content (%): -Water Activity (aw): -



Date Completed: 09/08/2024

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

"-" Not detected above LOD.

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 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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Testing Location: Customer ID: 2168 Order ID: OR11186 Sample Type: Primary Arkansas River Valley Relief MIPS Lot Number: Matrix: Concentrate 232 S. Broadview St. 5601 Old Greenwood Rd Suite C M00065C13246110515 Mass: 4ea

Greenbrier, AR 72058 Fort Smith, AR 72903 **Date Collected:** 09/05/2024 **Production Run:**

License: 00065C E20240904FWTLB01 Date Received: 09/05/2024 License: ADH 113 Cultivar (Strain) or Sample Description: Fresh Water Taffy Hybrid Live Badder 1g Jar **Date Completed:** 09/08/2024

TERPENOID PROFILE

Analysis Date/Time:09/06/2024 2100 Method: GC/MS **Deviations from SOP: Analyst: KF Instrument:** Agilent 7890/5975 None

Allalyst: Kr		11151	rument: Agneiit 7690/5975	None
<u>Terpene</u>	<u>Result</u> (μg/g)	Result (%)		
α-Bisabolol	480	0.0480		
Camphene	143	0.0143		
δ-3-Carene	ND	-		
β-Caryophyllene	8300	0.830		
Caryophyllene oxide	503	0.0503	I	
p-Cymene	ND	-		
Eucalyptol	ND	-		
Geraniol	114	0.0114		
Guaiol	<loq< td=""><td>-</td><td></td><td>Abbreviations: GC - Gas</td></loq<>	-		Abbreviations: GC - Gas
α-Humulene	3450	0.345		Chromatography, MS - Mass
Isopulegol	46.8	0.00468		Spectrometry, RL - Reporting Limit Abbreviations: ND - Not Detected, ,
d-Limonene	8990	0.899		LOD - Limit of Detection, LOQ - Limit
Linalool	4460	0.446		of Quantitation
β-Myrcene	6040	0.604		This information is provided as a service and makes no claims of efficacy and/or
cis-Nerolidol	ND	-		safety of this product.
trans-Nerolidol	ND	-		Results are applicable only for the sample(s) analyzed and for the specific
α-Ocimene	169	0.0169		analysis conducted.
β-Ocimene	447	0.0447		This report is for informational purposes only and should not be used to diagnose,
α-Pinene	499	0.0499		treat, or prevent any
β-Pinene	1130	0.113		medical-related symptoms.
α-Terpinene	<loq< td=""><td>-</td><td></td><td>The statements and results herein have not been approved and/or endorsed by</td></loq<>	-		The statements and results herein have not been approved and/or endorsed by
γ-Terpinene	ND	-		the FDA.
Terpinolene	228	0.0228		
TOTAL	35000	3.50		Reporting Limit (μg/g):

Reporting Limit (µg/g): 46.4

"-" Not detected above LOD.













Testing Location:Customer ID: 2168Order ID: OR11186Sample Type: PrimaryArkansasRiver Valley Relief MIPSLot Number:Matrix: Concentrate

232 S. Broadview St. 5601 Old Greenwood Rd Suite C M00065C13246110515 **Mass:** 4ea

Greenbrier, AR 72058 Fort Smith, AR 72903 **Production Run:** Date Collected: 09/05/2024 License: ADH 113 License: 00065C E20240904FWTLB01 Date Received: 09/05/2024

RESIDUAL SOLVENT PROFILE (SOP: SOP-RS-001)

Analysis Date/Time: 09/05/2024 2320 Method: HS/GC/MS Deviations from SOP:

Analyst: KF Instrument: Agilent 7890/5975 None

Cultivar (Strain) or Sample Description: Fresh Water Taffy Hybrid Live Badder 1g Jar

Solvent	Result (μg/g)	<u>LOD</u> (μg/g)	LOQ (µg/g)	<u>Action</u> <u>Level</u> (μg/g)	Solvent	Result (µg/g)	<u>LOD</u> (µg/g)	LOQ (μg/g)	<u>Action</u> <u>Level</u> (μg/g)
Acetone (67-64-1)	-	34.6	69.1	5000	n-Heptane (142-82-5)	-	34.6	69.1	5000
Acetonitrile (75-5-8)	-	34.6	69.1	410	n-Hexane (110-54-3)	-	12.1	24.2	290
Benzene (71-43-2)	-	0.346	0.691	2	Isobutane (75-28-5)	-	34.6	69.1	5000
n-Butane (106-97-2)	-	34.6	69.1	5000	Isopropanol (67-63-0)	-	34.6	69.1	5000
1-Butanol (71-36-3)	-	34.6	69.1	5000	Isopropyl acetate		34.6	69.1	5000
2-Butanol (78-92-2)	-	34.6	69.1	5000	(108-21-4)		54.0	03.1	5000
2-Butanone (78-93-3)	-	34.6	69.1	5000	Isopropyl benzene (98-82-8)	-	3.46	6.91	70
Cyclohexane (110-82-7)	-	34.6	69.1	3880	Methanol (67-56-1)	_	34.6	69.1	3000
1,2-Dimethoxyethane (110-71-4)	-	3.46	6.91	100	2-Methylbutane (78-78-4)	-	34.6	69.1	5000
N,N-Dimethylacetamide (127-19-5)	-	34.6	69.1	1090	Methylene chloride (75-9-2)	-	34.6	69.1	600
2,2-Dimethylbutane (75-83-2)	-	12.1	24.2	290	2-Methylpentane (107-83-5)	-	12.1	24.2	290
2,3-Dimethylbutane		10.1	242	290	3-Methylpentane (96-10-0)	-	12.1	24.2	290
(79-29-8)	-	12.1	24.2	290	n-Pentane (109-66-0)	-	34.6	69.1	5000
N,N-Dimethylformamide		34.6	69.1	880	1-Pentanol (71-41-0)	-	34.6	69.1	5000
(68-12-2)					n-Propane (74-98-6)	-	34.6	69.1	5000
Dimethylsulfoxide (67-68-5)	-	34.6	69.1	5000	1-Propanol (71-23-8)	-	34.6	69.1	5000
1,4-Dioxane (123-91-1)	_	34.6	69.1	380	Pyridine (110-86-1)	-	12.1	24.2	200
Ethanol (64-17-5)	_	34.6	69.1	5000	Tetrahydrofuran (109-99-9)	-	34.6	69.1	720
2-Ethoxyethanol (110-80-5)	_	12.1	24.2	160	Tetramethylene sulfone	_	12.1	24.2	160
Ethyl ether (60-29-7)	_	34.6	69.1	5000	(126-33-0)		34.6	69.1	890
Ethyl acetate (141-78-6)	_	34.6	69.1	5000	Toluene (108-88-3)	-			
Ethyl benzene (100-41-4)	_	34.6	69.1	2170	o-Xylene (95-47-6)		34.6	69.1	2170
Ethylene glycol (107-21-1)	_	34.6	69.1	620	m,p-Xylene (108-38-3 or 106-42-3)	-	34.6	69.1	2170
Ethylene oxide (75-21-8)	-	3.46	6.91	50	Xylenes* (1330-20-7)		43.3	86.7	2170



Date Completed: 09/08/2024

Color Key

RESULT < AL

"-" not detected above 1/2 Action Level

"*" - o,m,p-Xylene and Ethylbenzene

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.

Solvent	Synonym(s)	Solvent	Synonym(s)
Acetonitrile	Methyl Cyanide, ACN	Ethylene glycol	1,2-Ethanediol
1-Butanol	n-Butanol, Butyl Alcohol	Isobutane	2-Methylpropane
2-Butanol	sec-Butyl alcohol	Isopropanol	2-Propanol, IPA
2-Butanone	Methyl ethyl ketone, MEK	Isopropyl Acetate	Acetic acid isopropyl ester
1,2-Dimethoxyethane	Monoglyme	Methanol	Methyl alcohol
2,3-Dimethylbutane	Neohexane	2-Methylbutane	Isopentane
2,3-Dimethylbutane	Diisopropyl	Methylene chloride	Dichloromethane
N,N-Dimethylformamide	DMF	2-Methylpentane	Isohexane
Dimethysufoxide	DMSO	1-Pentanol	n-Amyl alcohol
2-Ethoxyethanol	Cellosolve, Ethyl glycol	1-Propanol	Propyl alcohol
Ethyl ether	Diethyl ether, Ether	Tetrahydrofuran	THF
Ethyl acetate	EtOAc	Tetramethylene sulfone	Sulfolane
Ethyl benzene	Phenylethane	Xylene	Dimethylbenzene

Abbreviations: HS-Headspace, GC-Gas Chromatography, MS-Mass Spectrometry, RL-Reporting Limit, AL-Action Level, CAS-Chemical Abstract Services, LOD - Limit of Detection, LOQ - Limit of Quantification

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None









CERTIFICATE OF ANALYSIS (SAMPLE ID: SA38808)

Order ID: OR11186 **Testing Location:** Customer ID: 2168 Sample Type: Primary Arkansas River Valley Relief MIPS Lot Number: Matrix: Concentrate

232 S. Broadview St. 5601 Old Greenwood Rd Suite C M00065C13246110515 Mass: 4ea Greenbrier, AR 72058 Fort Smith, AR 72903 **Production Run: Date Collected:** 09/05/2024

License: 00065C E20240904FWTLB01 Date Received: 09/05/2024 License: ADH 113 Cultivar (Strain) or Sample Description: Fresh Water Taffy Hybrid Live Badder 1g Jar **Date Completed:** 09/08/2024

PESTICIDES PROFILE (SOP: SOP-PEST-001)

Analysis Date/Time: 09/06/2024 1722 Method: LC/MS/MS **Deviations from SOP:**

Analyst: KF Instrument: Shimadzu LC-8050

<u>Pesticide</u>	Result (μg/g)	<u>LOD</u> (μg/g)	LOQ (µg/g)	Action Level (µg/g)	<u>Pesticide</u>	Result (μg/g)	<u>LOD</u> (µg/g)	LOQ (μg/g)	<u>Action</u> <u>Level</u> (μg/g)
Abamectin (71751-41-2)	-	0.0462	0.369	0.5	Kresoxim-methyl	_	0.0462	0.369	0.4
Acephate (30560-19-1)	-	0.0462	0.369	0.4	(143390-89-0)		0.0.02	0.000	
Acequinocyl (57960-19-7)	-	0.0462	0.369	2	Malathion (121-75-5)	-	0.0462	0.369	0.2
Acetamiprid		0.0463	0.200	0.0	Metalaxyl (57837-19-1)	-	0.0462	0.369	0.2
(135410-20-7)	-	0.0462	0.369	0.2	Methiocarb (2032-65-7)	-	0.0462	0.369	0.2
Aldicarb (116-06-3)	-	0.0462	0.369	0.4	Methomyl (16752-77-5)	-	0.0462	0.369	0.4
Azoxystrobin (131860-33-8)	-	0.0462	0.369	0.2	Methyl parathion (298-0-0)	-	0.0462	0.369	0.2
Bifenazate (149877-41-8)	-	0.0462	0.369	0.2	MGK 264 (113-48-4)	-	0.0462	0.369	0.2





Color Key

"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

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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

0.0462

0.0462

0.369

0.369

0.2

0.2

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		

Thiamethoxam

(153719-23-4)

Trifloxystrobin

(141517-21-7)



Fludioxinil (131341-86-1)

Hexythiazox (78587-05-0)

Imazalil (35554-44-0)

Imidacloprid

(138261-41-3)

0.0462

0.0462

0.0462

0.0462

0.369

0.369

0.369

0.369

0.4

1

0.2

0.4









E20240904FWTLB01



Date Received: 09/05/2024

CERTIFICATE OF ANALYSIS (SAMPLE ID: SA38808)

 Testing Location:
 Customer ID: 2168
 Order ID: OR11186
 Sample Type: Primary

 Arkansas
 River Valley Relief MIPS
 Lot Number:
 Matrix: Concentrate

232 S. Broadview St. 5601 Old Greenwood Rd Suite C M00065C13246110515 Mass: 4ea

Greenbrier, AR 72058 Fort Smith, AR 72903 Production Run: Date Collected: 09/05/2024

Cultivar (Strain) or Sample Description: Fresh Water Taffy Hybrid Live Badder 1g Jar

Date Completed: 09/08/2024

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

Analysis Date/Time: 09/06/2024 1811 Method: ICP/MS Deviations from SOP:

Instrument: Agilent 7500ce None

Analyst: KF

License: ADH 113

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

License: 00065C



Abbreviations: ICP - Inductively-Coupled Plasma, OES - Optical Emission Spectroscopy,
DMA - Direct Mercury Analyzer, 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

"-" not detected above LOD

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

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Testing Location:Customer ID: 2168Sample ID: SA38808Sample Type: PrimaryArkansasRiver Valley Relief MIPSLot Number:Matrix: Concentrate

232 S. Broadview St. 5601 Old Greenwood Rd Suite C M00065C13246110515 **Mass:** 4ea

 Greenbrier, AR 72058
 Fort Smith, AR 72903
 Production Run:
 Date Collected: 09/05/2024

 License: ADA 05_H273
 License: 00065C
 E20240904FWTLB01
 Date Received: 09/05/2024

Cultivar (Strain) or Sample Description: Fresh Water Taffy Hybrid Live Badder 1g Jar

Date Completed: 09/08/2024

MICROBIOLOGICAL PROFILE (SOP: SOP-Micro-001)

Analysis Date/Time: 09/06/2024 1406 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)

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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