







## SUMMARY OF ANALYSIS (SAMPLE ID: SA34089)

Testing Location:	Customer ID: 2168	Order ID: OR10256	Sample Type: Primary
Arkansas	<b>River Valley Relief MIPS</b>	Lot Number:	Matrix: Concentrate
232 S. Broadview St.	5601 Old Greenwood Rd Suite C	M00065C13244854158	Mass: 4g
Greenbrier, AR 72058	Fort Smith, AR 72903	Production Run:	<b>Date Collected:</b> 01/11/2023
License: ADH 113	License: 00065C	E20230109ICCLC01	<b>Date Received:</b> 01/11/2023
Cultivar (Strain) or Sample I	Date Completed: 01/18/2023		

\*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.

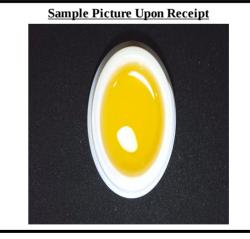
Moisture Content (%)	Water Activity (aw)	PASS/FAIL
Not Tested	Not Tested	PASS

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.

	(0/)	,
<u>Cannabinoids (Top 3)</u>	<u>(%)</u>	<u>mg/g</u>
THCA	43.3	433
Δ9-THC	20.5	205
CBGA	1.31	13.1
TOTAL CBD	-	-
TOTAL THC	58.5	585
TOTAL CANNABINOIDS	66.5	665
<u>Terpenes (Top 5)</u>	<u>(%)</u>	ħā\ā
<u>Terpenes (Top 5)</u> β-Caryophyllene	<u>(%)</u> 3.40	<mark>µg/g</mark> 34000
β-Caryophyllene	3.40	34000
β-Caryophyllene d-Limonene	3.40 2.30	34000 23000
β-Caryophyllene d-Limonene α-Bisabolol	3.40 2.30 1.61	34000 23000 16100

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





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.

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



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











# **CERTIFICATE OF ANALYSIS (SAMPLE ID: SA34089)**

Testing Location:	Customer ID: 2168	<b>Order ID:</b> OR10256	Sample Type: Primary
Arkansas	River Valley Relief MIPS	Lot Number:	Matrix: Concentrate
232 S. Broadview St.	5601 Old Greenwood Rd Suite C	M00065C13244854158	Mass: 4g
Greenbrier, AR 72058	Fort Smith, AR 72903	Production Run:	Date Collected: 01/11/2023
License: ADH 113	License: 00065C	E20230109ICCLC01	Date Received: 01/11/2023
Cultivar (Strain) or Sample Des	Date Completed: 01/18/2023		

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

Analysis Date/Time: 1/13/2023 1526 Analyst: PW Method: HPLC/DAD Instrument: Agilent 1100

0					0		
<u>Cannabinoid</u>	<u>Result</u> (%)	<u>UM</u> (+/-%)	<u>Result</u> (mg/g)	LOQ (mg/g)	<u>Result</u> (mg/ mL)	<u>Per</u> Serving <u>(mg)</u>	<u>Per</u> g <u>Unit</u> (mg)
CBC	-	-	-	2.58	-	-	-
CBCA	0.981	0.0785	9.81	8.01	-	9.81	9.81
CBD	-	-	-	18.2	-	-	-
CBDA	-	-	-	6.70	-	-	-
CBDV	-	-	-	2.92	-	-	-
CBDVA	-	-	-	7.78	-	-	-
CBG	DET	-	DET	11.8	-	-	-
CBGA	1.31	0.118	13.1	8.46	-	13.1	13.1
CBL	-	-	-	13.6	-	-	-
CBN	-	-	-	6.27	-	-	-
CBNA	-	-	-	6.76	-	-	-
Δ9-ΤΗC	20.5	1.85	205	7.50	-	205	205
$\Delta 8$ -THC	-	-	-	11.7	-	-	-
THCA	43.3	3.90	433	4.08	-	433	433
THCV	-	-	-	9.76	-	-	-
THCVA	0.354	0.0106	3.54	3.11	-	3.54	3.54
TOTAL	66.5	5.95	665		-	665	665
TOTAL CBC	0.860	0.0688	8.60		-	8.60	8.60
TOTAL CBD	-	-	-		-	-	-
TOTAL CBDV	-	-	-		-	-	-
TOTAL CBG	1.15	0.103	11.5		-	11.5	11.5
TOTAL CBN	-	-	-		-	-	-
TOTAL THC	58.5	5.27	585		-	585	585
TOTAL THCV	0.306	0.00919	3.06		-	3.06	3.06

\* CBCA, CBDVA, CBL, CBNA, and THCVA are in process of being added to our accreditation scope.

*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

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



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) +  $\Delta$ 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.

Kyle W. Felling, Ph.D. atory Directo



www.FASTLaboratories.com









**Deviations from SOP:** 

# **CERTIFICATE OF ANALYSIS (SAMPLE ID: SA34089)**

Testing Location:	Customer ID: 2168	Order ID: OR10256	Sample Type: Primary
Arkansas	<b>River Valley Relief MIPS</b>	Lot Number:	Matrix: Concentrate
232 S. Broadview St.	5601 Old Greenwood Rd Suite C	M00065C13244854158	Mass: 4g
Greenbrier, AR 72058	Fort Smith, AR 72903	Production Run:	<b>Date Collected:</b> 01/11/2023
License: ADH 113	License: 00065C	E20230109ICCLC01	Date Received: 01/11/2023
Cultivar (Strain) or Sample I	Date Completed: 01/18/2023		

#### Analysis Date/Time:01/17/2023 0934 Analyst: KF

TERPENOID PROFILE

Method: GC/MS

Analyst: KF		In	<b>strument:</b> Agilent 7890/5975	None
<u>Terpene</u>	<u>Result</u> (µg/g)	<u>Result</u> <u>(%)</u>		
α-Bisabolol	16100	1.61		
Camphene	956	0.0956		
δ-3-Carene	-	-		
β-Caryophyllene	34000	3.40		
Caryophyllene oxide	-	-		
p-Cymene	-	-		
Eucalyptol	-	-		
Geraniol	-	-		
Guaiol	-	-		Abbreviations: GC - Gas
α-Humulene	13400	1.34		Chromatography, MS - Mass
Isopulegol	-	-		Spectrometry, RL - Reporting Limit
d-Limonene	23000	2.30		This information is provided as a service and makes no claims of efficacy and/or
Linalool	383	0.0383		safety of this product.
β-Myrcene	2450	0.245		Results are applicable only for the sample(s) analyzed and for the specific
cis-Nerolidol	-	-		analysis conducted.
trans-Nerolidol	2040	0.204		This report is for informational purposes only and should not be used to diagnose,
α-Ocimene	-	-		treat, or prevent any
β-Ocimene	-	-		medical-related symptoms.
α-Pinene	1470	0.147		The statements and results herein have not been approved and/or endorsed by
β-Pinene	1430	0.143		the FDA.
α-Terpinene	-	-		
γ-Terpinene	-	-		
Terpinolene	795	0.0795		"-" Not detected above RL.
TOTAL	96100	9.61		Reporting Limit (µg/g): 42.3













# **CERTIFICATE OF ANALYSIS (SAMPLE ID: SA34089)**

Testing Location:	Customer ID: 2168	Order ID: OR10256	Sample Type: Primary
Arkansas	<b>River Valley Relief MIPS</b>	Lot Number:	Matrix: Concentrate
232 S. Broadview St.	5601 Old Greenwood Rd Suite C	M00065C13244854158	Mass: 4g
Greenbrier, AR 72058	Fort Smith, AR 72903	Production Run:	Date Collected: 01/11/2023
License: ADH 113	License: 00065C	E20230109ICCLC01	Date Received: 01/11/2023
Cultivar (Strain) or Sample	<b>Date Completed:</b> 01/18/2023		

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

Analysis Date/Time:	1/16/202	3 1848		Ν	lethod: HS/GC/MS	`		, D	eviations	s from SOP:
Analyst: KF		Instrument: Agilent 7890/5975		None						
<u>Solvent</u>	<u>Result</u> (µg/g)	<u>LOD</u> (µg/g)	LOQ (µg/g)	<u>Action</u> Level (µg/g)	<u>Solvent</u>	<u>Result</u> (µg/g)	<u>LOD</u> (µg/g)	<u>LOQ</u> (µg/g)	<u>Action</u> Level (µg/g)	
Acetone (67-64-1)	-	38.6	77.1	5000	n-Heptane (142-82-5)	-	38.6	77.1	5000	
Acetonitrile (75-5-8)	-	38.6	77.1	410	n-Hexane (110-54-3)	-	13.5	27.0	290	
Benzene (71-43-2)	-	0.386	0.771	2	Isobutane (75-28-5)	-	38.6	77.1	5000	
n-Butane (106-97-2)	14100	38.6	77.1	5000	Isopropanol (67-63-0)	-	38.6	77.1	5000	
1-Butanol (71-36-3)	-	38.6	77.1	5000	Isopropyl acetate	_	38.6	77.1	5000	
2-Butanol (78-92-2)	-	38.6	77.1	5000	(108-21-4)					
2-Butanone (78-93-3)	-	38.6	77.1	5000	Isopropyl benzene (98-82-8)	-	3.86	7.71	70	
Cyclohexane (110-82-7)	-	38.6	77.1	3880	Methanol (67-56-1)	-	38.6	77.1	3000	<u>Color Key</u>
1,2-Dimethoxyethane	_	3.86	7.71	100	2-Methylbutane (78-78-4)	-	38.6	77.1	5000	<b>RESULT &lt; AL</b>
(110-71-4) N,N-Dimethylacetamide (127-19-5)	_	38.6	77.1	1090	Methylene chloride (75-9-2)	-	38.6	77.1	600	RESULT > AL
(127-13-5) 2,2-Dimethylbutane (75-83-2)	-	13.5	27.0	290	2-Methylpentane (107-83-5)	-	13.5	27.0	290	"DET" detected less than LOQ
2,3-Dimethylbutane					3-Methylpentane (96-10-0)	-	13.5	27.0	290	"-" not detected above
(79-29-8)	-	13.5	27.0	290	n-Pentane (109-66-0)	-	38.6	77.1	5000	LOD
N,N-Dimethylformamide	_	38.6	77.1	880	1-Pentanol (71-41-0)	-	38.6	77.1	5000	"*" - o,m,p-Xylene and
(68-12-2)		50.0	//.1	000	n-Propane (74-98-6)	-	38.6	77.1	5000	Ethylbenzene
Dimethylsulfoxide (67-68-5)	-	38.6	77.1	5000	1-Propanol (71-23-8)	-	38.6	77.1	5000	
(07-00-3) 1,4-Dioxane (123-91-1)		38.6	77.1	380	Pyridine (110-86-1)	-	13.5	27.0	200	Action levels are referenced from the State of
Ethanol (64-17-5)		38.6	77.1	5000	Tetrahydrofuran (109-99-9)	-	38.6	77.1	720	Arkansas
2-Ethoxyethanol (110-80-5)		13.5	27.0	160	Tetramethylene sulfone	_	13.5	27.0	160	MMJ testing
Ethyl ether (60-29-7)	_	38.6	77.1	5000	(126-33-0)					guidelines.
Ethyl acetate (141-78-6)	_	38.6	77.1	5000	Toluene (108-88-3)	-	38.6	77.1	890	A value of "-"
Ethyl benzene (100-41-4)	_	38.6	77.1	2170	o-Xylene (95-47-6)	-	38.6	77.1	2170	for the action level
Ethylene glycol (107-21-1)	_	38.6	77.1	620	m,p-Xylene (108-38-3 or 106-42-3)	-	38.6	77.1	2170	means that analyte
Ethylene oxide (75-21-8)	-	3.86	7.71	50	Xylenes* (1330-20-7)	-	43.3	86.7	2170	is not currently regulated by the regulations referenced above.
Solvent		Synonym(s	5 <b>)</b>		Solvent	<u>s</u>	ynonym(s)			regulations referenced above.
Acetonitrile		Methyl Cya	nide, ACN		Ethylene glycol	1	,2-Ethanediol			
1-Butanol		n-Butanol,	Butyl Alco	hol	Isobutane	2	-Methylpropa	ne		
2-Butanol		sec-Butyl a	lcohol		Isopropanol	2	-Propanol, IPA	1		
2-Butanone		Methyl ethy	yl ketone, N	1EK	Isopropyl Acetate	А	cetic acid iso	propyl este		
1,2-Dimethoxyethane		Monoglym	e		Methanol	Ν	/lethyl alcohol			
2,3-Dimethylbutane		Neohexane	Neohexane 2-Methylbutane I		Is	Isopentane				
2,3-Dimethylbutane		Diisopropy	rl		Methylene chloride	Ε	Dichlorometha	ne		
N,N-Dimethylformamide		DMF			2-Methylpentane	Is	sohexane			
Dimethysufoxide		DMSO			1-Pentanol	n	-Amyl alcoho	1		
2-Ethoxyethanol		Cellosolve,	Ethyl glyc	ol	1-Propanol	Р	ropyl alcohol			
Ethyl ether		Diethyl eth	er, Ether		Tetrahydrofuran	Т	ΉF			
Ethyl acetate		EtOAc Tetramethylene sulfone		S	ulfolane					
Ethyl benzene		Phenyletha	ne		Xylene	E	Dimethylbenze	ene		

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

*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









**Deviations from SOP:** 

None

# **CERTIFICATE OF ANALYSIS (SAMPLE ID: SA34089)**

Testing Location:	Customer ID: 2168	Order ID: OR10256	Sample Type: Primary
Arkansas	<b>River Valley Relief MIPS</b>	Lot Number:	Matrix: Concentrate
232 S. Broadview St.	5601 Old Greenwood Rd Suite C	M00065C13244854158	Mass: 4g
Greenbrier, AR 72058	Fort Smith, AR 72903	<b>Production Run:</b>	Date Collected: 01/11/2023
License: ADH 113	License: 00065C	E20230109ICCLC01	Date Received: 01/11/2023
Cultivar (Strain) or Sample	<b>Date Completed:</b> 01/18/2023		

#### **PESTICIDES PROFILE (SOP: SOP-PEST-001)**

### Analysis Date/Time: 01/16/2023 1622 Analyst: KF

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

# **Instrument:** Shimadzu LC-8050

<u>Pesticide</u>	<u>Result</u> (µg/g)	<u>LOD</u> (µg/g)	<u>LOQ</u> (µg/g)	<u>Action</u> Level (µg/g)	<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)	
Abamectin (71751-41-2)	-	0.0423	0.339	0.5	Kresoxim-methyl		0.0423	0.339	0.4	
Acephate (30560-19-1)	-	0.0423	0.339	0.4	(143390-89-0)					
Acequinocyl (57960-19-7)	-	0.0423	0.339	2	Malathion (121-75-5)	-	0.0423	0.339	0.2	
Acetamiprid	_	0.0423	0.339	0.2	Metalaxyl (57837-19-1)	-	0.0423	0.339	0.2	
(135410-20-7)					Methiocarb (2032-65-7)	-	0.0423	0.339	0.2	<u>Color Key</u>
Aldicarb (116-06-3)	-	0.0423	0.339	0.4	Methomyl (16752-77-5)	-	0.0423	0.339	0.4	<b>RESULT &lt; AL</b>
Azoxystrobin (131860-33-8)	-	0.0423	0.339	0.2	Methyl parathion (298-0-0)	-	0.0423	0.339	0.2	<b>RESULT &gt; AL</b>
Bifenazate (149877-41-8)	-	0.0423	0.339	0.2	MGK 264 (113-48-4)	-	0.0423	0.339	0.2	"DET" detected less than LOQ
Bifenthrin (82657-04-3)	-	0.0423	0.339	0.2	Myclobutanil	_	0.0423	0.339	0.2	"-" not detected above
Boscalid (188425-85-6)	-	0.0423	0.339	0.4	(88671-89-0)					LOD
Carbaryl (63-25-2)	-	0.0423	0.339	0.2	Naled (300-76-5)	-	0.0423	0.339	0.5	Permethrins measured as the
Carbofuran (1563-66-2)	-	0.0423	0.339	0.2	Oxamyl (23135-22-0)	-	0.0423	0.339	1	cumulative residue of the <i>cis</i> - and
Chlorantraniliprole (800008-45-7)	-	0.0423	0.339	0.2	Paclobutrazol (76738-62-0)	-	0.0423	0.339	0.4	trans- permethrin isomers.
Chlorfenapyr		0.0423	0.339	1	Permethrins (52645-53-1)	-	0.0423	0.339	0.2	Pyrethrins measured as the cumulative residue of the
(122453-73-0)	-	0.0423	0.339	1	Phosmet (732-11-6)	-		pyrethrin I, cinerin I, and jasmolin		
Chlorpyrifos (2921-88-2)	-	0.0423	0.339	0.2	Piperonyl butoxide	_	0.0423	0.339	2	I isomers.
Clofentezine (74115-24-5)	-	0.0423	0.339	0.2	(51-03-6)		0.0422	0.220	0.2	Action levels are referenced from
Cyfluthrin (68359-37-5)	-	0.0423	0.339	1	Prallethrins (2331-36-9)	-	0.0423	0.339	0.2	the
Cypermethrin (52315-07-8)	-	0.0423	0.339	1	Propiconazole (60207-90-1))	-	0.0423	0.339	0.4	State of Arkansas MMJ testing guidelines.
Daminozide (1596-84-5)	-	0.0423	0.339	1	Propoxur (114-26-1)	-	0.0423	0.339	0.2	A value of "-" for the action level
DDVP (62-73-7)	-	0.0423	0.339	0.1	Pyrethrins (8003-34-7)	-	0.0423	0.339	1	means that analyte is not
Diazinon (333-41-5)	-	0.0423	0.339	0.2	Pyridaben (96489-71-3)	-	0.0423	0.339	0.2	currently regulated by the
Dimethoate (60-51-5)	-	0.0423	0.339	0.2	Spinosad (168316-95-8)	-	0.0423	0.339	0.2	regulations referenced above.
Ethoprophos (13194-48-4)	-	0.0423	0.339	0.2	Spiromesifen (283594-90-1)	-	0.0423	0.339	0.2	Disclaimer: This information is
Etofenprox (80844-07-1)	-	0.0423	0.339	0.4	(283394-90-1) Spirotetramat					provided as a service and makes no claims of efficacy and/or safety
Etoxazole (153233-91-1)	-	0.0423	0.339	0.2	(203313-25-1)	-	0.0423	0.339	0.2	of this product. Results are
Fenoxycarb (72490-01-8)	-	0.0423	0.339	0.2	Spiroxamine		0.0422	0.339	0.4	applicable only for the sample(s)
(E)-Fenpyroximate (134098-61-6)	-	0.0423	0.339	0.4	(118134-30-8) Tebuconazole	-	0.0423			analyzed and for the specific analysis conducted. This report is for informational purposes only
Fipronil (120068-37-3)	-	0.0423	0.339	0.4	(80443-41-0)	-	0.0423	0.339	0.4	and should not be used to
Flonicamid (158062-67-0)	-	0.0423	0.339	1	Thiacloprid		0.0423	0.339	0.2	diagnose, treat, or prevent any medical-related symptoms. The
Fludioxinil (131341-86-1)	-	0.0423	0.339	0.4	(111988-49-9)			0.000		statements and results herein have
Hexythiazox (78587-05-0)	-	0.0423	0.339	1	Thiamethoxam (153719-23-4)	-	0.0423	0.339	0.2	not been approved and/or
Imazalil (35554-44-0)	-	0.0423	0.339	0.2	Trifloxystrobin					endorsed by the FDA.
Imidacloprid (138261-41-3)	-	0.0423	0.339	0.4	(141517-21-7)	-	0.0423	0.339	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

**Pesticide Pesticide Pesticide** Synonym(s) Synonym(s) Cyfluthrin Baythroid Myclobutanil Systhane Propiconazole DDVP Dichlorvos Naled Dibrom Propoxur 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



Synonym(s)

Tilt

Baygon

www.FASTLaboratories.com









# **CERTIFICATE OF ANALYSIS (SAMPLE ID: SA34089)**

Testing Location:	Customer ID: 2168	Order ID: OR10256	Sample Type: Primary
Arkansas	<b>River Valley Relief MIPS</b>	Lot Number:	Matrix: Concentrate
232 S. Broadview St.	5601 Old Greenwood Rd Suite C	M00065C13244854158	Mass: 4g
Greenbrier, AR 72058	Fort Smith, AR 72903	Production Run:	<b>Date Collected:</b> 01/11/2023
License: ADH 113	License: 00065C	E20230109ICCLC01	<b>Date Received:</b> 01/11/2023
Cultivar (Strain) or Sample	Date Completed: 01/18/2023		

#### HEAVY METAL PROFILE (SOP: SOP-ICP-200.7)

Analysis Date/Time: 01/17/2023 1436 (ICP/OES) Analysis Date/Time: - (DMA) Analyst: KF			-	thod: ICP/OES trument: Agilent 720-ES	<b>Deviations from SOP:</b> None
<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)	-	58.0	91.8	200	
Cadmium (Cd)	-	58.0	91.8	200	
Lead (Pb)	-	58.0	91.8	500	
Mercury (Hg)	-	58.0	91.8	100	

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

#### <u>Color Key</u>



"DET" detected less than LOQ

"-" not detected above LOD

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.













# **CERTIFICATE OF ANALYSIS (SAMPLE ID: SA34089)**

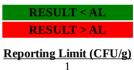
Testing Location:	Customer ID: 2168	Sample ID: SA34089	Sample Type: Primary
Arkansas	<b>River Valley Relief MIPS</b>	Lot Number:	Matrix: Concentrate
232 S. Broadview St.	5601 Old Greenwood Rd Suite C	M00065C13244854158	Mass: 4g
Greenbrier, AR 72058	Fort Smith, AR 72903	<b>Production Run:</b>	Date Collected: 01/11/2023
License: ADA 05_H273	License: 00065C	E20230109ICCLC01	Date Received: 01/11/2023
Cultivar (Strain) or Sample	<b>Date Completed:</b> 01/18/2023		

#### MICROBIOLOGICAL PROFILE (SOP: SOP-Micro-001)

Analysis Date/Time: 2023011 Analyst: PW		Hardy Diagnostics CompactI nt: Thermo Incubator	Dry Deviations from SOP: None
Bacteria/Microbe	<u>Result</u> (CFU/g)	<u>Action Level</u> (CFU/g)	
Aerobic Plate Count	NT	-	
Coliforms, Total	Absent	1	
Escherichia Coli (E. Coli)	Absent	100	
Mold/Yeast	NT	-	
Pseudomonas aeruginosa	NT	1	
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





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.



