

**SUMMARY OF ANALYSIS (SAMPLE ID: SA40548)**

<b>Testing Location:</b>	<b>Customer ID:</b> 2161	<b>Order ID:</b> OR11499	<b>Sample Type:</b> Primary
Arkansas	River Valley Relief Cultivation	<b>Lot Number:</b>	<b>Matrix:</b> Flower
232 S. Broadview St.	5601 Old Greenwood Rd Suite C	M00065C13134691499	<b>Mass:</b> 15g
Greenbrier, AR 72058	Fort Smith, AR 72903	<b>Production Run:</b>	<b>Date Collected:</b> 03/20/2025
License: ADH 113	License: 00065C	5089H20250129HSP-5	<b>Date Received:</b> 03/20/2025
<b>Cultivar (Strain) or Sample Description:</b> Halloween Special			<b>Date Completed:</b> 03/24/2025

\*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 (%)**

11.6

**Water Activity (aw)**

0.327 @ 24.3°C

**PASS/FAIL**

**PASS**

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

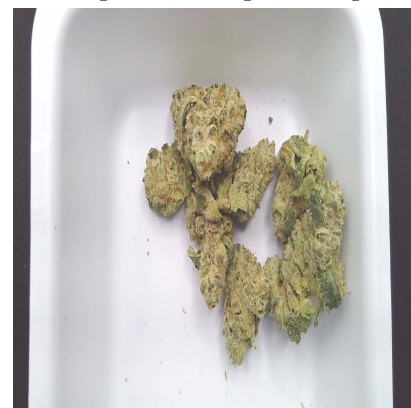
Moisture content levels less than 15% are recommended but the sample does not fail. Water activity levels must be less than 0.65aw.

<b>Cannabinoids (Top 3)</b>	<b>(%)</b>	<b>mg/g</b>
THCA	28.7	287
Δ9-THC	1.60	16.0
CBGA	0.381	3.81
TOTAL CBD	0.000	0.000
TOTAL THC	26.8	268
TOTAL CANNABINOIDS	31.0	310

<b>Terpenes (Top 5)</b>	<b>(%)</b>	<b>µg/g</b>
d-Limonene	0.892	8920
β-Caryophyllene	0.644	6440
Linalool	0.607	6070
β-Myrcene	0.265	2650
α-Humulene	0.249	2490
TOTAL TERPENES	3.38	33800

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

**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.

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](http://www.FASTLaboratories.com)

*Kyle W. Felling*  
Kyle W. Felling, Ph.D.  
Laboratory Director



**CERTIFICATE OF ANALYSIS (SAMPLE ID: SA40548)**

<b>Testing Location:</b>	<b>Customer ID:</b> 2161	<b>Order ID:</b> OR11499	<b>Sample Type:</b> Primary
Arkansas	River Valley Relief Cultivation	<b>Lot Number:</b>	<b>Matrix:</b> Flower
232 S. Broadview St.	5601 Old Greenwood Rd Suite C	M00065C13134691499	<b>Mass:</b> 15g
Greenbrier, AR 72058	Fort Smith, AR 72903	<b>Production Run:</b>	<b>Date Collected:</b> 03/20/2025
License: ADH 113	License: 00065C	5089H20250129HSP-5	<b>Date Received:</b> 03/20/2025
<b>Cultivar (Strain) or Sample Description:</b> Halloween Special			<b>Date Completed:</b> 03/24/2025

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

**Analysis Date/Time:** 03/21/2025 1226

**Method:** HPLC/DAD

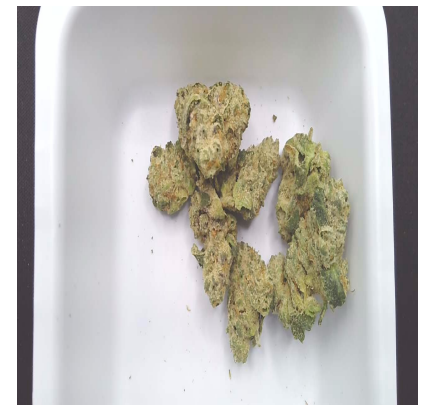
**Moisture Content (%):** 11.6

**Analyst:** PW

**Instrument:** Agilent 1100

**Water Activity (aw):** 0.327 @ 24.3°C

<u>Cannabinoid</u>	<u>Result (%)</u>	<u>Result (mg/g)</u>	<u>LOD (mg/g)</u>	<u>LOQ (mg/g)</u>	<u>Result (mg/mL)</u>	<u>Per Serving (mg)</u>	<u>Per Unit (mg)</u>
CBC	ND	ND	0.0408	0.0951	-	0.000	0.000
CBCA	ND	ND	0.127	0.295	-	0.000	0.000
CBD	ND	ND	0.287	0.671	-	0.000	0.000
CBDV	DET	DET	0.106	0.247	-	0.000	0.000
CBDVA	ND	ND	0.123	0.287	-	0.000	0.000
CBG	0.145	1.45	0.187	0.436	-	1.28	1.28
CBGA	0.381	3.81	0.265	0.312	-	3.37	3.37
CBL	ND	ND	0.216	0.503	-	0.000	0.000
CBN	ND	ND	0.0990	0.231	-	0.000	0.000
CBNA	ND	ND	0.107	0.249	-	0.000	0.000
Δ9-THC	1.60	16.0	0.119	0.277	-	14.1	14.1
Δ8-THC	ND	ND	0.185	0.432	-	0.000	0.000
THCA	28.7	287	0.0644	0.151	-	254	254
THCV	ND	ND	0.154	0.360	-	0.000	0.000
THCVA	0.111	1.11	0.0493	0.115	-	0.981	0.981
<b>TOTAL</b>	<b>31.0</b>	<b>310</b>			-	<b>274</b>	<b>274</b>
<b>TOTAL CBC</b>	<b>0.000</b>	<b>0.000</b>			-	<b>0.000</b>	<b>0.000</b>
<b>TOTAL CBD</b>	<b>0.000</b>	<b>0.000</b>			-	<b>0.000</b>	<b>0.000</b>
<b>TOTAL CBDV</b>	<b>0.000</b>	<b>0.000</b>			-	<b>0.000</b>	<b>0.000</b>
<b>TOTAL CBG</b>	<b>0.480</b>	<b>4.80</b>			-	<b>4.24</b>	<b>4.24</b>
<b>TOTAL CBN</b>	<b>0.000</b>	<b>0.000</b>			-	<b>0.000</b>	<b>0.000</b>
<b>TOTAL THC</b>	<b>26.8</b>	<b>268</b>			-	<b>237</b>	<b>237</b>
<b>TOTAL THCV</b>	<b>0.0963</b>	<b>0.963</b>			-	<b>0.851</b>	<b>0.851</b>



**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 x 0.877) + CBC  
Total CBD = (CBDV 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) + Δ9-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.

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.

**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](http://www.FASTLaboratories.com)

*Kyle W. Felling*  
Kyle W. Felling, Ph.D.  
Laboratory Director



## CERTIFICATE OF ANALYSIS (SAMPLE ID: SA40548)

<b>Testing Location:</b>	<b>Customer ID:</b> 2161	<b>Order ID:</b> OR11499	<b>Sample Type:</b> Primary
Arkansas	River Valley Relief Cultivation	<b>Lot Number:</b>	<b>Matrix:</b> Flower
232 S. Broadview St.	5601 Old Greenwood Rd Suite C	M00065C13134691499	<b>Mass:</b> 15g
Greenbrier, AR 72058	Fort Smith, AR 72903	<b>Production Run:</b>	<b>Date Collected:</b> 03/20/2025
License: ADH 113	License: 00065C	5089H20250129HSP-5	<b>Date Received:</b> 03/20/2025
<b>Cultivar (Strain) or Sample Description:</b> Halloween Special			<b>Date Completed:</b> 03/24/2025

### TERPENOID PROFILE

**Analysis Date/Time:** 03/21/2025 1240

**Method:** GC/MS

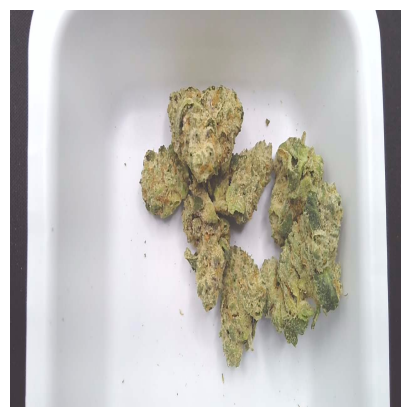
**Deviations from SOP:**

**Analyst:** KF

**Instrument:** Agilent 7890/5975

None

Terpene	Result (µg/g)	Result (%)
α-Bisabolol	680	0.0680
Camphene	261	0.0261
δ-3-Carene	ND	-
β-Caryophyllene	6440	0.644
Caryophyllene oxide	<LOQ	-
p-Cymene	<LOQ	-
Eucalyptol	ND	-
Geraniol	54.5	0.00545
Guaiol	<LOQ	-
α-Humulene	2490	0.249
Isopulegol	ND	-
d-Limonene	8920	0.892
Linalool	6070	0.607
β-Myrcene	2650	0.265
cis-Nerolidol	ND	-
trans-Nerolidol	2030	0.203
α-Ocimene	105	0.0105
β-Ocimene	327	0.0327
α-Pinene	1770	0.177
β-Pinene	1850	0.185
α-Terpinene	ND	-
γ-Terpinene	ND	-
Terpinolene	119	0.0119
<b>TOTAL</b>	<b>33800</b>	<b>3.38</b>



**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):** 44.7

"-" Not detected above LOD.

### 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](http://www.FASTLaboratories.com)

Kyle W. Felling, Ph.D.  
Laboratory Director



**CERTIFICATE OF ANALYSIS (SAMPLE ID: SA40548)**

<b>Testing Location:</b>	<b>Customer ID:</b> 2161	<b>Order ID:</b> OR11499	<b>Sample Type:</b> Primary
Arkansas	River Valley Relief Cultivation	<b>Lot Number:</b>	<b>Matrix:</b> Flower
232 S. Broadview St.	5601 Old Greenwood Rd Suite C	M00065C13134691499	<b>Mass:</b> 15g
Greenbrier, AR 72058	Fort Smith, AR 72903	<b>Production Run:</b>	<b>Date Collected:</b> 03/20/2025
License: ADH 113	License: 00065C	5089H20250129HSP-5	<b>Date Received:</b> 03/20/2025
<b>Cultivar (Strain) or Sample Description:</b> Halloween Special			<b>Date Completed:</b> 03/24/2025

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

**Analysis Date/Time:** 03/21/2025 1300

**Analyst:** KF

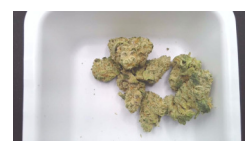
**Method:** LC/MS/MS

**Instrument:** Shimadzu LC-8050

**Deviations from SOP:**

None

Pesticide	Result (µg/g)	LOD (µg/g)	LOQ (µg/g)	Action Level (µg/g)	Pesticide	Result (µg/g)	LOD (µg/g)	LOQ (µg/g)	Action Level (µg/g)
Abamectin (71751-41-2)	-	0.0444	0.355	0.5	Kresoxim-methyl (143390-89-0)	-	0.0444	0.355	0.4
Acephate (30560-19-1)	-	0.0444	0.355	0.4	Malathion (121-75-5)	-	0.0444	0.355	0.2
Acetaminophen (57960-19-7)	-	0.0444	0.355	2	Metalaxyl (57837-19-1)	-	0.0444	0.355	0.2
Acetamiprid (135410-20-7)	-	0.0444	0.355	0.2	Methiocarb (2032-65-7)	-	0.0444	0.355	0.2
Aldicarb (116-06-3)	-	0.0444	0.355	0.4	Methomyl (16752-77-5)	-	0.0444	0.355	0.4
Azoxystrobin (131860-33-8)	-	0.0444	0.355	0.2	Methyl parathion (298-0-0)	-	0.0444	0.355	0.2
Bifenazate (149877-41-8)	-	0.0444	0.355	0.2	MGK 264 (113-48-4)	-	0.0444	0.355	0.2
Bifenthrin (82657-04-3)	-	0.0444	0.355	0.2	Myclobutanil (88671-89-0)	-	0.0444	0.355	0.2
Boscalid (188425-85-6)	-	0.0444	0.355	0.4	Naled (300-76-5)	-	0.0444	0.355	0.5
Carbaryl (63-25-2)	-	0.0444	0.355	0.2	Oxamyl (23135-22-0)	-	0.0444	0.355	1
Carbofuran (1563-66-2)	-	0.0444	0.355	0.2	Paclobutrazol (76738-62-0)	-	0.0444	0.355	0.4
Chlorantraniliprole (800008-45-7)	-	0.0444	0.355	0.2	Permethrins (52645-53-1)	-	0.0444	0.355	0.2
Chlorfenapyr (122453-73-0)	-	0.0444	0.355	1	Phosmet (732-11-6)	-	0.0444	0.355	0.2
Chlorpyrifos (2921-88-2)	-	0.0444	0.355	0.2	Piperonyl butoxide (51-03-6)	-	0.0444	0.355	2
Clofentezine (74115-24-5)	-	0.0444	0.355	0.2	Prallethrin (2331-36-9)	-	0.0444	0.355	0.2
Cyfluthrin (68359-37-5)	-	0.0444	0.355	1	Propiconazole (60207-90-1)	-	0.0444	0.355	0.4
Cypermethrin (52315-07-8)	-	0.0444	0.355	1	Propoxur (114-26-1)	-	0.0444	0.355	0.2
Daminozide (1596-84-5)	-	0.0444	0.355	1	Pyrethrins (8003-34-7)	-	0.0444	0.355	1
DDVP (62-73-7)	-	0.0444	0.355	0.1	Pyridaben (96489-71-3)	-	0.0444	0.355	0.2
Diazinon (333-41-5)	-	0.0444	0.355	0.2	Spinosad (168316-95-8)	-	0.0444	0.355	0.2
Dimethoate (60-51-5)	-	0.0444	0.355	0.2	Spiromesifen (283594-90-1)	-	0.0444	0.355	0.2
Ethoprophos (13194-48-4)	-	0.0444	0.355	0.2	Spirotetramat (203313-25-1)	-	0.0444	0.355	0.2
Etofenprox (80844-07-1)	-	0.0444	0.355	0.4	Spiroxamine (118134-30-8)	-	0.0444	0.355	0.4
Etoxazole (153233-91-1)	-	0.0444	0.355	0.2	Tebuconazole (80443-41-0)	-	0.0444	0.355	0.4
Fenoxycarb (72490-01-8)	-	0.0444	0.355	0.2	Thiacloprid (111988-49-9)	-	0.0444	0.355	0.2
(E)-Fenpyroximate (134098-61-6)	-	0.0444	0.355	0.4	Thiamethoxam (153719-23-4)	-	0.0444	0.355	0.2
Fipronil (120068-37-3)	-	0.0444	0.355	0.4	Trifloxystrobin (141517-21-7)	-	0.0444	0.355	0.2
Flonicamid (158062-67-0)	-	0.0444	0.355	1					
Fludioxinil (131341-86-1)	-	0.0444	0.355	0.4					
Hexythiazox (78587-05-0)	-	0.0444	0.355	1					
Imazalil (35554-44-0)	-	0.0444	0.355	0.2					
Imidacloprid (138261-41-3)	-	0.0444	0.355	0.4					



**Color Key**

**RESULT < AL**

**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.

**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.

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

[www.FASTLaboratories.com](http://www.FASTLaboratories.com)



**CERTIFICATE OF ANALYSIS (SAMPLE ID: SA40548)**

<b>Testing Location:</b>	<b>Customer ID:</b> 2161	<b>Order ID:</b> OR11499	<b>Sample Type:</b> Primary
Arkansas	River Valley Relief Cultivation	<b>Lot Number:</b>	<b>Matrix:</b> Flower
232 S. Broadview St.	5601 Old Greenwood Rd Suite C	M00065C13134691499	<b>Mass:</b> 15g
Greenbrier, AR 72058	Fort Smith, AR 72903	<b>Production Run:</b>	<b>Date Collected:</b> 03/20/2025
License: ADH 113	License: 00065C	5089H20250129HSP-5	<b>Date Received:</b> 03/20/2025
<b>Cultivar (Strain) or Sample Description:</b> Halloween Special			<b>Date Completed:</b> 03/24/2025

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

**Analysis Date/Time:** 03/21/2025 1238

**Method:** ICP/MS

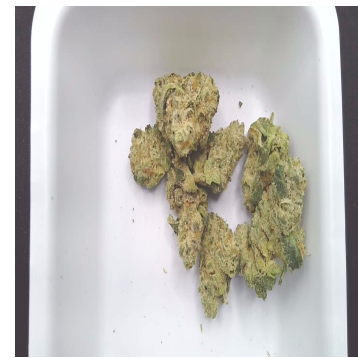
**Deviations from SOP:**

**Instrument:** Agilent 7700x

None

**Analyst:** KF

<b>Heavy Metal</b>	<b>Result (µg/kg)</b>	<b>LOD (µg/kg)</b>	<b>LOQ (µg/kg)</b>	<b>Action Level (µg/kg)</b>
Arsenic (As)	ND	57.8	91.5	200
Cadmium (Cd)	ND	57.8	91.5	200
Lead (Pb)	ND	57.8	91.5	500
Mercury (Hg)	ND	57.8	91.5	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**

<b>RESULT &lt; AL</b>
<b>RESULT &gt; AL</b>

"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.

**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](http://www.FASTLaboratories.com)

*Kyle W. Felling*  
Kyle W. Felling, Ph.D.  
Laboratory Director





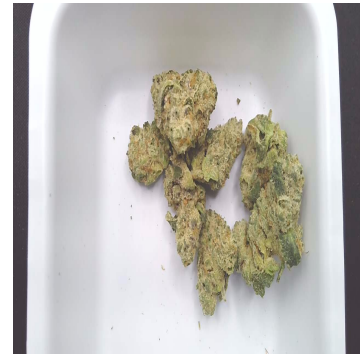
**CERTIFICATE OF ANALYSIS (SAMPLE ID: SA40548)**

<b>Testing Location:</b>	<b>Customer ID:</b> 2161	<b>Sample ID:</b> SA40548	<b>Sample Type:</b> Primary
Arkansas	River Valley Relief Cultivation	<b>Lot Number:</b>	<b>Matrix:</b> Flower
232 S. Broadview St.	5601 Old Greenwood Rd Suite C	M00065C13134691499	<b>Mass:</b> 15g
Greenbrier, AR 72058	Fort Smith, AR 72903	<b>Production Run:</b>	<b>Date Collected:</b> 03/20/2025
License: ADA 05_H273	License: 00065C	5089H20250129HSP-5	<b>Date Received:</b> 03/20/2025
<b>Cultivar (Strain) or Sample Description:</b> Halloween Special			<b>Date Completed:</b> 03/24/2025

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

**Analysis Date/Time:** 03/21/2025 1127  
**Analyst:** PW  
**Method:** Hardy Diagnostics CompactDry  
**Instrument:** Thermo Incubator  
**Deviations from SOP:** None

<b>Bacteria/Microbe</b>	<b>Result (CFU/g)</b>	<b>Action Level (CFU/g)</b>
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)**

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.

**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](http://www.FASTLaboratories.com)

*Kyle W. Felling*  
Kyle W. Felling, Ph.D.  
Laboratory Director

