

SUMMARY OF ANALYSIS (SAMPLE ID: SA43564)

Testing Location:	Customer ID: 2161	Order ID: OR12078	Sample Type: Primary
Arkansas	River Valley Relief Cultivation	Lot Number:	Matrix: Flower/Trim
232 S. Broadview St.	5601 Old Greenwood Rd Suite C	M00065C13139682918	Mass: 15g
Greenbrier, AR 72058	Fort Smith, AR 72903	Production Run:	Date Collected: 03/23/2026
License: ADH 113	License: 00065C	7126H20260219SDP-8	Date Received: 03/23/2026
Cultivar (Strain) or Sample Description: Stardawg Pie			Date Completed: 03/25/2026

*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 (%)

12.5

Water Activity (aw)

0.450 @ 24.6°C

PASS/FAIL

PASS

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

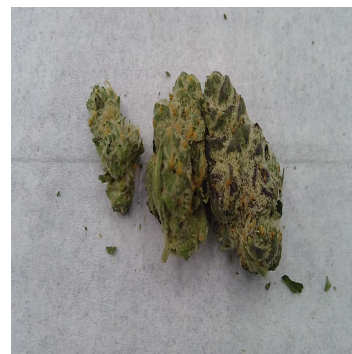
Moisture content levels less than 15% are recommended but the sample does not fail. Water activity levels must be less than 0.65aw.

<u>Cannabinoids (Top 3)</u>	<u>(%)</u>	<u>mg/g</u>
THCA	34.2	342
CBGA	0.921	9.21
CBCA	0.438	4.38
TOTAL CBD	0.0590	0.590
TOTAL THC	30.3	303
TOTAL CANNABINOIDS	36.7	367

<u>Terpenes (Top 5)</u>	<u>(%)</u>	<u>ppm</u>
β-Myrcene	1.22	12200
d-Limonene	0.463	4630
β-Caryophyllene	0.220	2200
α-Humulene	0.0905	905
Linalool	0.0729	729
TOTAL TERPENES	2.45	24500

<u>Contaminants</u>	<u>PASS/FAIL</u>
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.

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

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

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



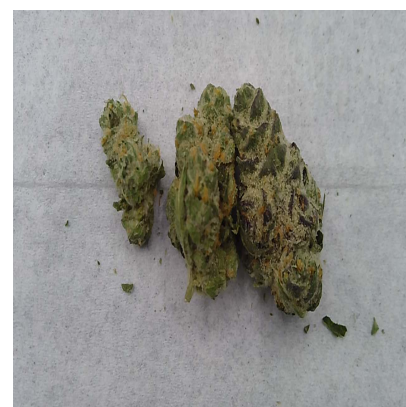
CERTIFICATE OF ANALYSIS (SAMPLE ID: SA43564)

Testing Location:	Customer ID: 2161	Order ID: OR12078	Sample Type: Primary
Arkansas	River Valley Relief Cultivation	Lot Number:	Matrix: Flower/Trim
232 S. Broadview St.	5601 Old Greenwood Rd Suite C	M00065C13139682918	Mass: 15g
Greenbrier, AR 72058	Fort Smith, AR 72903	Production Run:	Date Collected: 03/23/2026
License: ADH 113	License: 00065C	7126H20260219SDP-8	Date Received: 03/23/2026
Cultivar (Strain) or Sample Description: Stardawg Pie			Date Completed: 03/25/2026

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

Analysis Date/Time: 03/24/2026 1743 **Method:** HPLC/DAD **Moisture Content (%):** 12.5
Analyst: PW **Instrument:** Agilent 1100 **Water Activity (aw):** 0.450 @ 24.6°C

Cannabinoid	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)	Result (mg/mL)	Per Serving (mg)	Per Unit (mg)
CBC	0.0454	0.454	0.0439	0.103	-	0.397	0.397
CBCA	0.438	4.38	0.136	0.318	-	3.83	3.83
CBD	ND	ND	0.310	0.724	-	0.000	0.000
CBDA	0.0672	0.672	0.114	0.266	-	0.588	0.588
CBDV	ND	ND	0.0497	0.116	-	0.000	0.000
CBDVA	ND	ND	0.133	0.310	-	0.000	0.000
CBG	0.291	2.91	0.201	0.470	-	2.55	2.55
CBGA	0.921	9.21	0.285	0.337	-	8.06	8.06
CBL	0.365	3.65	0.232	0.543	-	3.19	3.19
CBN	ND	ND	0.107	0.249	-	0.000	0.000
CBNA	ND	ND	0.115	0.269	-	0.000	0.000
Δ9-THC	0.274	2.74	0.128	0.298	-	2.40	2.40
Δ8-THC	ND	ND	0.200	0.466	-	0.000	0.000
THCA	34.2	342	0.0694	0.162	-	299	299
THCV	ND	ND	0.167	0.388	-	0.000	0.000
THCVA	0.158	1.58	0.0532	0.124	-	1.38	1.38
TOTAL	36.7	367			-	321	321
TOTAL CBC	0.430	4.30			-	3.76	3.76
TOTAL CBD	0.0590	0.590			-	0.516	0.516
TOTAL CBDV	0.000	0.000			-	0.000	0.000
TOTAL CBG	1.10	11.0			-	9.63	9.63
TOTAL CBN	0.000	0.000			-	0.000	0.000
TOTAL THC	30.3	303			-	265	265
TOTAL THCV	0.137	1.37			-	1.20	1.20



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) + 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

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

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



CERTIFICATE OF ANALYSIS (SAMPLE ID: SA43564)

Testing Location:	Customer ID: 2161	Order ID: OR12078	Sample Type: Primary
Arkansas	River Valley Relief Cultivation	Lot Number:	Matrix: Flower/Trim
232 S. Broadview St.	5601 Old Greenwood Rd Suite C	M00065C13139682918	Mass: 15g
Greenbrier, AR 72058	Fort Smith, AR 72903	Production Run:	Date Collected: 03/23/2026
License: ADH 113	License: 00065C	7126H20260219SDP-8	Date Received: 03/23/2026
Cultivar (Strain) or Sample Description: Stardawg Pie			Date Completed: 03/25/2026

TERPENOID PROFILE

Analysis Date/Time: 03/24/2026 2312

Method: GC/MS

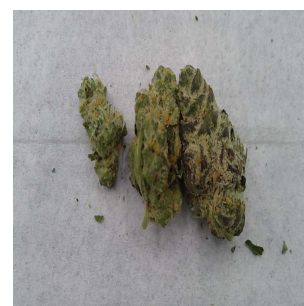
Deviations from SOP:

Analyst: KF

Instrument: Agilent 7890/5975

None

<u>Terpene</u>	<u>Result (ppm)</u>	<u>Result (%)</u>	<u>Terpene</u>	<u>Result (ppm)</u>	<u>Result (%)</u>
α-Bisabolol	283	0.0283	d-Limonene	4630	0.463
L-Borneol	ND	-	Linalool	729	0.0729
D-Borneol	77.5	0.00775	l-Menthone	ND	-
Camphene	120	0.0120	Menthol	ND	-
Camphor	ND	-	β-Myrcene	12200	1.22
δ-3-Carene	ND	-	Nerol	ND	-
Carvacrol	ND	-	cis-Nerolidol	ND	-
Carvone	ND	-	trans-Nerolidol	227	0.0227
β-Caryophyllene	2200	0.220	Nootkatone	ND	-
Caryophyllene oxide	66.2	0.00662	cis-β-Ocimene	52.3	0.00523
Cedrene	ND	-	trans-β-Ocimene	ND	-
Cedrol	153	0.0153	Octyl acetate	ND	-
cis-Citral	ND	-	α-Phellandrene	ND	-
trans-Citral	ND	-	Phytane	ND	-
Citronellol	ND	-	α-Pinene	406	0.0406
o-Cymene	ND	-	β-Pinene	543	0.0543
m-Cymene	ND	-	Piperitone	ND	-
p-Cymene	ND	-	Pulegone	ND	-
Eucalyptol	ND	-	Sabinene	337	0.0337
trans-β-Farnesene	93.1	0.00931	Sabinene hydrate	ND	-
Farnesol 1	ND	-	Safranal	ND	-
Farnesol 2	ND	-	Squalene	ND	-
Fenchone	ND	-	Terpinen-4-ol	ND	-
Fenchyl alcohol	349	0.0349	α-Terpinene	ND	-
Geraniol	ND	-	γ-Terpinene	ND	-
Geranyl acetate	61.7	0.00617	α-Terpineol	324	0.0324
Guaiol	495	0.0495	Terpinolene	65.8	0.00658
α-Humulene	905	0.0905	α-Thujone	ND	-
Isoborneol	ND	-	Thymol	ND	-
Isobornyl acetate	ND	-	Valencene	97.8	0.00978
d-Isomenthone	ND	-	d-Valerolactam	ND	-
Isopulegol	70.6	0.00706	Verbenone	ND	-



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.

"-" Not detected above LOD.

TOTAL (ppm) 24500 (%) 2.45 **Reporting Limit (ppm):** 48.2

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

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

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



CERTIFICATE OF ANALYSIS (SAMPLE ID: SA43564)

Testing Location: Arkansas 232 S. Broadview St. Greenbrier, AR 72058 License: ADH 113	Customer ID: 2161 River Valley Relief Cultivation 5601 Old Greenwood Rd Suite C Fort Smith, AR 72903 License: 00065C	Order ID: OR12078 Lot Number: M00065C13139682918 Production Run: 7126H20260219SDP-8	Sample Type: Primary Matrix: Flower/Trim Mass: 15g Date Collected: 03/23/2026 Date Received: 03/23/2026
--	---	--	--

Cultivar (Strain) or Sample Description: Stardawg Pie **Date Completed:** 03/25/2026

PESTICIDES PROFILE (SOP: SOP-PEST-001)

Analysis Date/Time: 03/24/2026 1615

Analyst: KF

Method: LC/MS/MS

Instrument: Shimadzu LC-8050

Deviations from SOP:

None

Pesticide	Result (ppm)	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Pesticide	Result (ppm)	LOD (ppm)	LOQ (ppm)	Action Level (ppm)
Abamectin (71751-41-2)	-	0.0478	0.383	0.5	Kresoxim-methyl (143390-89-0)	-	0.0478	0.383	0.4
Acephate (30560-19-1)	-	0.0478	0.383	0.4	Malathion (121-75-5)	-	0.0478	0.383	0.2
Acetaminocyl (57960-19-7)	-	0.0478	0.383	2	Metalaxyl (57837-19-1)	-	0.0478	0.383	0.2
Acetamiprid (135410-20-7)	-	0.0478	0.383	0.2	Methiocarb (2032-65-7)	-	0.0478	0.383	0.2
Aldicarb (116-06-3)	-	0.0478	0.383	0.4	Methomyl (16752-77-5)	-	0.0478	0.383	0.4
Azoxystrobin (131860-33-8)	-	0.0478	0.383	0.2	Methyl parathion (298-0-0)	-	0.0478	0.383	0.2
Bifenazate (149877-41-8)	-	0.0478	0.383	0.2	MGK 264 (113-48-4)	-	0.0478	0.383	0.2
Bifenthrin (82657-04-3)	-	0.0478	0.383	0.2	Myclobutanil (88671-89-0)	-	0.0478	0.383	0.2
Boscalid (188425-85-6)	-	0.0478	0.383	0.4	Naled (300-76-5)	-	0.0478	0.383	0.5
Carbaryl (63-25-2)	-	0.0478	0.383	0.2	Oxamyl (23135-22-0)	-	0.0478	0.383	1
Carbofuran (1563-66-2)	-	0.0478	0.383	0.2	Paclobutrazol (76738-62-0)	-	0.0478	0.383	0.4
Chlorantraniliprole (800008-45-7)	-	0.0478	0.383	0.2	Permethrins (52645-53-1)	-	0.0478	0.383	0.2
Chlorfenapyr (122453-73-0)	-	0.0478	0.383	1	Phosmet (732-11-6)	-	0.0478	0.383	0.2
Chlorpyrifos (2921-88-2)	-	0.0478	0.383	0.2	Piperonyl butoxide (51-03-6)	-	0.0478	0.383	2
Clofentezine (74115-24-5)	-	0.0478	0.383	0.2	Prallethrins (2331-36-9)	-	0.0478	0.383	0.2
Cyfluthrin (68359-37-5)	-	0.0478	0.383	1	Propiconazole (60207-90-1)	-	0.0478	0.383	0.4
Cypermethrin (52315-07-8)	-	0.0478	0.383	1	Propoxur (114-26-1)	-	0.0478	0.383	0.2
Daminozide (1596-84-5)	-	0.0478	0.383	1	Pyrethrins (8003-34-7)	-	0.0478	0.383	1
DDVP (62-73-7)	-	0.0478	0.383	0.1	Pyridaben (96489-71-3)	-	0.0478	0.383	0.2
Diazinon (333-41-5)	-	0.0478	0.383	0.2	Spinosad (168316-95-8)	-	0.0478	0.383	0.2
Dimethoate (60-51-5)	-	0.0478	0.383	0.2	Spiromesifen (283594-90-1)	-	0.0478	0.383	0.2
Ethoprophos (13194-48-4)	-	0.0478	0.383	0.2	Spirotetramat (203313-25-1)	-	0.0478	0.383	0.2
Etofenprox (80844-07-1)	-	0.0478	0.383	0.4	Spiroxamine (118134-30-8)	-	0.0478	0.383	0.4
Etoxazole (153233-91-1)	-	0.0478	0.383	0.2	Tebuconazole (80443-41-0)	-	0.0478	0.383	0.4
Fenoxycarb (72490-01-8)	-	0.0478	0.383	0.2	Thiacloprid (111988-49-9)	-	0.0478	0.383	0.2
(E)-Fenpyroximate (134098-61-6)	-	0.0478	0.383	0.4	Thiamethoxam (153719-23-4)	-	0.0478	0.383	0.2
Fipronil (120068-37-3)	-	0.0478	0.383	0.4	Trifloxystrobin (141517-21-7)	-	0.0478	0.383	0.2
Flonicamid (158062-67-0)	-	0.0478	0.383	1					
Fludioxinil (131341-86-1)	-	0.0478	0.383	0.4					
Hexythiazox (78587-05-0)	-	0.0478	0.383	1					
Imazalil (35554-44-0)	-	0.0478	0.383	0.2					
Imidacloprid (138261-41-3)	-	0.0478	0.383	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

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

Kyle W. Felling, Ph.D.
Laboratory Director



CERTIFICATE OF ANALYSIS (SAMPLE ID: SA43564)

Testing Location: Arkansas 232 S. Broadview St. Greenbrier, AR 72058 License: ADH 113	Customer ID: 2161 River Valley Relief Cultivation 5601 Old Greenwood Rd Suite C Fort Smith, AR 72903 License: 00065C	Order ID: OR12078 Lot Number: M00065C13139682918 Production Run: 7126H20260219SDP-8	Sample Type: Primary Matrix: Flower/Trim Mass: 15g Date Collected: 03/23/2026 Date Received: 03/23/2026
Cultivar (Strain) or Sample Description: Stardawg Pie			Date Completed: 03/25/2026

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

Analysis Date/Time: 03/24/2026 2225

Method: ICP/MS

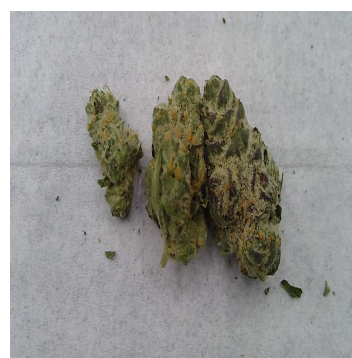
Deviations from SOP:

Instrument: Agilent 7700x

None

Analyst: KF

<u>Heavy Metal</u>	<u>Result (ppb)</u>	<u>LOD (ppb)</u>	<u>LOQ (ppb)</u>	<u>Action Level (ppb)</u>
Arsenic (As)	ND	58.8	93.2	200
Cadmium (Cd)	ND	58.8	93.2	200
Lead (Pb)	ND	58.8	93.2	500
Mercury (Hg)	ND	58.8	93.2	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.

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

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

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



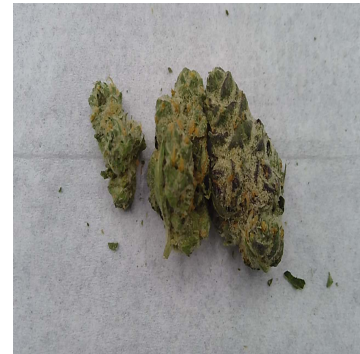
CERTIFICATE OF ANALYSIS (SAMPLE ID: SA43564)

Testing Location:	Customer ID: 2161	Sample ID: SA43564	Sample Type: Primary
Arkansas	River Valley Relief Cultivation	Lot Number:	Matrix: Flower/Trim
232 S. Broadview St.	5601 Old Greenwood Rd Suite C	M00065C13139682918	Mass: 15g
Greenbrier, AR 72058	Fort Smith, AR 72903	Production Run:	Date Collected: 03/23/2026
-	License: 00065C	7126H20260219SDP-8	Date Received: 03/23/2026
Cultivar (Strain) or Sample Description: Stardawg Pie			Date Completed: 03/25/2026

MICROBIOLOGICAL PROFILE (SOP: SOP-Micro-001)

Analysis Date/Time: 03/25/2026 0439	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)

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

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

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

