

SUMMARY OF ANALYSIS (SAMPLE ID: SA42649)

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: OR11897 Lot Number: M00065C13138294612 Production Run: 2114H20251020SDP-1	Sample Type: Primary Matrix: Flower/Trim Mass: 23g Date Collected: 11/17/2025 Date Received: 11/17/2025
Cultivar (Strain) or Sample Description: Stardawg Pie			Date Completed: 11/19/2025

*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.

*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 (%)

10.6

Water Activity (aw)

0.462 @ 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.

Cannabinoids (Top 3)	(%)	mg/g
THCA	33.2	332
CBGA	1.38	13.8
CBG	0.306	3.06
TOTAL CBD	0.000	0.000
TOTAL THC	29.3	293
TOTAL CANNABINOIDS	35.1	351

Terpenes (Top 5)	(%)	ppm
β-Myrcene	0.587	5870
d-Limonene	0.569	5690
β-Caryophyllene	0.228	2280
α-Humulene	0.0969	969
Linalool	0.0968	968
TOTAL TERPENES	2.04	20400

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



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



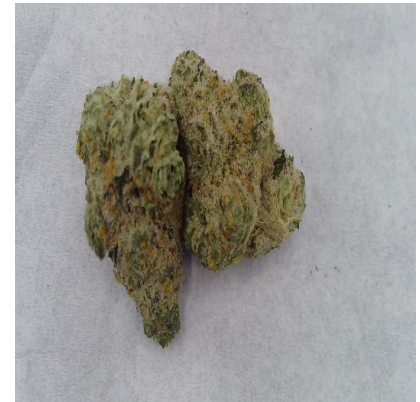
CERTIFICATE OF ANALYSIS (SAMPLE ID: SA42649)

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: OR11897 Lot Number: M00065C13138294612 Production Run: 2114H20251020SDP-1	Sample Type: Primary Matrix: Flower/Trim Mass: 23g Date Collected: 11/17/2025 Date Received: 11/17/2025
Cultivar (Strain) or Sample Description: Stardawg Pie			Date Completed: 11/19/2025

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

Analysis Date/Time: 11/18/2025 1505 **Method:** HPLC/DAD **Moisture Content (%):** 10.6
Analyst: PW **Instrument:** Agilent 1100 **Water Activity (aw):** 0.462 @ 24.6°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	0.0410	0.0956	-	0.000	0.000
CBCA	ND	ND	0.127	0.297	-	0.000	0.000
CBD	ND	ND	0.289	0.675	-	0.000	0.000
CBDA	ND	ND	0.106	0.248	-	0.000	0.000
CBDV	ND	ND	0.0464	0.108	-	0.000	0.000
CBDVA	ND	ND	0.124	0.289	-	0.000	0.000
CBG	0.306	3.06	0.188	0.438	-	2.74	2.74
CBGA	1.38	13.8	0.266	0.314	-	12.3	12.3
CBL	ND	ND	0.217	0.506	-	0.000	0.000
CBN	ND	ND	0.0995	0.233	-	0.000	0.000
CBNA	ND	ND	0.107	0.250	-	0.000	0.000
Δ9-THC	0.136	1.36	0.119	0.278	-	1.22	1.22
Δ8-THC	ND	ND	0.186	0.434	-	0.000	0.000
THCA	33.2	332	0.0647	0.151	-	297	297
THCV	ND	ND	0.155	0.362	-	0.000	0.000
THCVA	0.115	1.15	0.0496	0.115	-	1.03	1.03
TOTAL	35.1	351				314	314
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	1.51	15.1				13.5	13.5
TOTAL CBN	0.000	0.000				0.000	0.000
TOTAL THC	29.3	293				262	262
TOTAL THCV	0.0999	0.999				0.893	0.893



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: SA42649)

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: OR11897 Lot Number: M00065C13138294612 Production Run: 2114H20251020SDP-1	Sample Type: Primary Matrix: Flower/Trim Mass: 23g Date Collected: 11/17/2025 Date Received: 11/17/2025
Cultivar (Strain) or Sample Description: Stardawg Pie			Date Completed: 11/19/2025

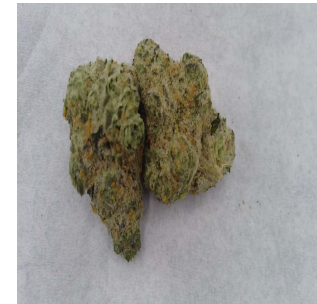
TERPENOID PROFILE

Analysis Date/Time: 11/19/2025 0036
Analyst: KF

Method: GC/MS
Instrument: Agilent 7890/5975

Deviations from SOP:
None

Terpene	Result (ppm)	Result (%)	Terpene	Result (ppm)	Result (%)
α-Bisabolol	269	0.0269	d-Limonene	5690	0.569
L-Borneol	ND	-	Linalool	968	0.0968
D-Borneol	72.6	0.00726	l-Menthone	ND	-
Camphene	136	0.0136	Menthol	96.4	0.00964
Camphor	ND	-	β-Myrcene	5870	0.587
δ-3-Carene	<LOQ	-	Nerol	ND	-
Carvacrol	ND	-	cis-Nerolidol	ND	-
Carvone	ND	-	trans-Nerolidol	252	0.0252
β-Caryophyllene	2280	0.228	Nootkatone	ND	-
Caryophyllene oxide	66.5	0.00665	cis-β-Ocimene	68.8	0.00688
Cedrene	ND	-	trans-β-Ocimene	<LOQ	-
Cedrol	ND	-	Octyl acetate	ND	-
cis-Citral	ND	-	α-Phellandrene	<LOQ	-
trans-Citral	ND	-	Phytane	ND	-
Citronellol	69.8	0.00698	α-Pinene	472	0.0472
o-Cymene	ND	-	β-Pinene	620	0.0620
m-Cymene	ND	-	Piperitone	ND	-
p-Cymene	ND	-	Pulegone	ND	-
Eucalyptol	ND	-	Sabinene	341	0.0341
trans-β-Farnesene	88.4	0.00884	Sabinene hydrate	<LOQ	-
Farnesol 1	ND	-	Safranal	ND	-
Farnesol 2	125	0.0125	Squalene	110	0.0110
Fenchone	<LOQ	-	Terpinen-4-ol	<LOQ	-
Fenchyl alcohol	414	0.0414	α-Terpinene	<LOQ	-
Geraniol	75.7	0.00757	γ-Terpinene	<LOQ	-
Geranyl acetate	60.3	0.00603	α-Terpineol	367	0.0367
Guaiol	527	0.0527	Terpinolene	77.1	0.00771
α-Humulene	969	0.0969	α-Thujone	117	0.0117
Isoborneol	<LOQ	-	Thymol	63.9	0.00639
Isobornyl acetate	ND	-	Valencene	90.7	0.00907
d-Isomenthone	ND	-	d-Valerolactam	ND	-
Isopulegol	66.7	0.00667	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) 20400 (%) 2.04 **Reporting Limit (ppm): 44.9**

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

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



CERTIFICATE OF ANALYSIS (SAMPLE ID: SA42649)

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: OR11897 Lot Number: M00065C13138294612 Production Run: 2114H20251020SDP-1	Sample Type: Primary Matrix: Flower/Trim Mass: 23g Date Collected: 11/17/2025 Date Received: 11/17/2025
Cultivar (Strain) or Sample Description: Stardawg Pie			Date Completed: 11/19/2025

PESTICIDES PROFILE (SOP: SOP-PEST-001)

Analysis Date/Time: 11/18/2025 1532 **Method:** LC/MS/MS **Deviations from SOP:** None
Analyst: KF **Instrument:** Shimadzu LC-8050

Pesticide	Result (ppm)	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Pesticide	Result (ppm)	LOD (ppm)	LOQ (ppm)	Action Level (ppm)
Abamectin (71751-41-2)	-	0.0446	0.357	0.5	Kresoxim-methyl (143390-89-0)	-	0.0446	0.357	0.4
Acephate (30560-19-1)	-	0.0446	0.357	0.4	Malathion (121-75-5)	-	0.0446	0.357	0.2
Acequinocyl (57960-19-7)	-	0.0446	0.357	2	Metalaxyl (57837-19-1)	-	0.0446	0.357	0.2
Acetamiprid (135410-20-7)	-	0.0446	0.357	0.2	Methiocarb (2032-65-7)	-	0.0446	0.357	0.2
Aldicarb (116-06-3)	-	0.0446	0.357	0.4	Methomyl (16752-77-5)	-	0.0446	0.357	0.4
Azoxystrobin (131860-33-8)	-	0.0446	0.357	0.2	Methyl parathion (298-0-0)	-	0.0446	0.357	0.2
Bifenazate (149877-41-8)	-	0.0446	0.357	0.2	MGK 264 (113-48-4)	-	0.0446	0.357	0.2
Bifenthrin (82657-04-3)	-	0.0446	0.357	0.2	Myclobutanil (88671-89-0)	-	0.0446	0.357	0.2
Boscalid (188425-85-6)	-	0.0446	0.357	0.4	Naled (300-76-5)	-	0.0446	0.357	0.5
Carbaryl (63-25-2)	-	0.0446	0.357	0.2	Oxamyl (23135-22-0)	-	0.0446	0.357	1
Carbofuran (1563-66-2)	-	0.0446	0.357	0.2	Pacllobutrazol (76738-62-0)	-	0.0446	0.357	0.4
Chlorantraniliprole (800008-45-7)	-	0.0446	0.357	0.2	Permethrins (52645-53-1)	-	0.0446	0.357	0.2
Chlorfenapyr (122453-73-0)	-	0.0446	0.357	1	Phosmet (732-11-6)	-	0.0446	0.357	0.2
Chlorpyrifos (2921-88-2)	-	0.0446	0.357	0.2	Piperonyl butoxide (51-03-6)	-	0.0446	0.357	2
Clofentezine (74115-24-5)	-	0.0446	0.357	0.2	Prallethrins (2331-36-9)	-	0.0446	0.357	0.2
Cyfluthrin (68359-37-5)	-	0.0446	0.357	1	Propiconazole (60207-90-1)	-	0.0446	0.357	0.4
Cypermethrin (52315-07-8)	-	0.0446	0.357	1	Propoxur (114-26-1)	-	0.0446	0.357	0.2
Daminozide (1596-84-5)	-	0.0446	0.357	1	Pyrethrins (8003-34-7)	-	0.0446	0.357	1
DDVP (62-73-7)	-	0.0446	0.357	0.1	Pyridaben (96489-71-3)	-	0.0446	0.357	0.2
Diazinon (333-41-5)	-	0.0446	0.357	0.2	Spinosad (168316-95-8)	-	0.0446	0.357	0.2
Dimethoate (60-51-5)	-	0.0446	0.357	0.2	Spiromesifen (283594-90-1)	-	0.0446	0.357	0.2
Ethoprophos (13194-48-4)	-	0.0446	0.357	0.2	Spirotetramat (203313-25-1)	-	0.0446	0.357	0.2
Etofenprox (80844-07-1)	-	0.0446	0.357	0.4	Spiroxamine (118134-30-8)	-	0.0446	0.357	0.4
Etoxazole (153233-91-1)	-	0.0446	0.357	0.2	Tebuconazole (80443-41-0)	-	0.0446	0.357	0.4
Fenoxycarb (72490-01-8)	-	0.0446	0.357	0.2	Thiacloprid (111988-49-9)	-	0.0446	0.357	0.2
(E)-Fenpyroximate (134098-61-6)	-	0.0446	0.357	0.4	Thiamethoxam (153719-23-4)	-	0.0446	0.357	0.2
Fipronil (120068-37-3)	-	0.0446	0.357	0.4	Trifloxystrobin (141517-21-7)	-	0.0446	0.357	0.2
Fonicamid (158062-67-0)	-	0.0446	0.357	1					
Fludioxinil (131341-86-1)	-	0.0446	0.357	0.4					
Hexythiazox (78587-05-0)	-	0.0446	0.357	1					
Imazalil (35554-44-0)	-	0.0446	0.357	0.2					
Imidacloprid (138261-41-3)	-	0.0446	0.357	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	Sythane	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
Kyle W. Felling, Ph.D.
Laboratory Director



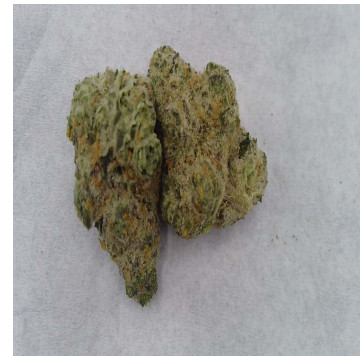
CERTIFICATE OF ANALYSIS (SAMPLE ID: SA42649)

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: OR11897 Lot Number: M00065C13138294612 Production Run: 2114H20251020SDP-1	Sample Type: Primary Matrix: Flower/Trim Mass: 23g Date Collected: 11/17/2025 Date Received: 11/17/2025
Cultivar (Strain) or Sample Description: Stardawg Pie			Date Completed: 11/19/2025

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

Analysis Date/Time: 11/18/2025 2307 **Method:** ICP/MS **Deviations from SOP:** None
Analyst: KF **Instrument:** Agilent 7700x

<u>Heavy Metal</u>	<u>Result (ppb)</u>	<u>LOD (ppb)</u>	<u>LOQ (ppb)</u>	<u>Action Level (ppb)</u>
Arsenic (As)	ND	58.3	92.4	200
Cadmium (Cd)	ND	58.3	92.4	200
Lead (Pb)	ND	58.3	92.4	500
Mercury (Hg)	ND	58.3	92.4	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



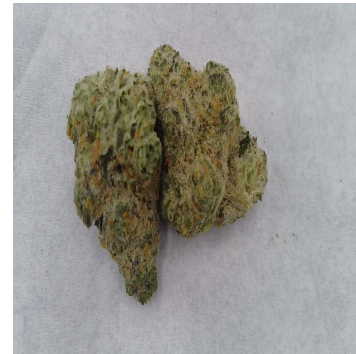
CERTIFICATE OF ANALYSIS (SAMPLE ID: SA42649)

Testing Location: Arkansas 232 S. Broadview St. Greenbrier, AR 72058 -	Customer ID: 2161 River Valley Relief Cultivation 5601 Old Greenwood Rd Suite C Fort Smith, AR 72903 License: 00065C	Sample ID: SA42649 Lot Number: M00065C13138294612 Production Run: 2114H20251020SDP-1	Sample Type: Primary Matrix: Flower/Trim Mass: 23g Date Collected: 11/17/2025 Date Received: 11/17/2025
Cultivar (Strain) or Sample Description: Stardawg Pie			Date Completed: 11/19/2025

MICROBIOLOGICAL PROFILE (SOP: SOP-Micro-001)

Analysis Date/Time: 11/19/2025 0515 **Method:** Hardy Diagnostics CompactDry **Deviations from SOP:**
Analyst: PW **Instrument:** Thermo Incubator None

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

