

## SUMMARY OF ANALYSIS (SAMPLE ID: SA26419)

<b>Testing Location:</b> OKC 3680 E. I-240 Service Rd. Oklahoma City, OK 73135 License: LAAA-4Y4X-Z72Z	<b>Customer ID:</b> 710 Sunday Extracts 1006 North Oak St Guthrie, OK 73044 License: PAAA-NYIN-5SXX	<b>Order ID:</b> OR8221 <b>Lot Number:</b> Not Entered <b>Batch Number:</b> RDS424MW1112	<b>Sample Type:</b> Primary <b>Matrix:</b> Concentrate <b>Mass:</b> 2g <b>Date Collected:</b> 04/29/2020 <b>Date Received:</b> 04/29/2020
<b>Cultivar (Strain) or Sample Description:</b> Maui Wowie			<b>Date Completed:</b> 05/04/2020

\*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.

\*For Oklahoma, with the new OMMA rules to be effective April 1, 2020, limits on moisture are proposed at 15% and water activity at 0.65aw.

<b>Moisture Content (%)</b> Not Tested	<b>PASS/FAIL</b> N/A	<b>Water Activity (aw)</b> Not Tested	<b>PASS/FAIL</b> N/A
---	-------------------------	--	-------------------------

<b>Cannabinoids (Top 3)</b>	<b>(%)</b>	<b>mg/g</b>
THCa	85.8	858
Δ9-THC	1.48	15
CBGa	0.849	8
TOTAL CBD	0.185	1.85
TOTAL THC	76.7	767
TOTAL CANNABINOIDS	88.6	886

<b>Terpenes (Top 5)</b>	<b>(%)</b>	<b>µg/g</b>
α-Humulene	0.260	2596
β-Myrcene	0.205	2053
β-Caryophyllene	0.192	1923
α-Pinene	0.154	1536
Terpinolene	0.153	1533
TOTAL TERPENES	1.6	15957

<b>Contaminants</b>	<b>PASS/FAIL</b>
Heavy Metals:	PASS
Microbiology:	PASS
Mycotoxins:	PASS
Pesticides:	PASS
Residual Solvents:	PASS
Visual Inspection:	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 of Oklahoma City, LLC

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

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



## CERTIFICATE OF ANALYSIS (SAMPLE ID: SA26419)

<b>Testing Location:</b> OKC 3680 E. I-240 Service Rd. Oklahoma City, OK 73135 License: LAAA-4Y4X-Z72Z	<b>Customer ID:</b> 710 Sunday Extracts 1006 North Oak St Guthrie, OK 73044 License: PAAA-NYIN-5SXX	<b>Order ID:</b> OR8221 <b>Lot Number:</b> Not Entered <b>Batch Number:</b> RDS424MW1112	<b>Sample Type:</b> Primary <b>Matrix:</b> Concentrate <b>Mass:</b> 2g <b>Date Collected:</b> 04/29/2020 <b>Date Received:</b> 04/29/2020
--	---	--	---

**Cultivar (Strain) or Sample Description:** Maui Wowie **Date Completed:** 05/04/2020

### CANNABINOID (POTENCY) PROFILE

**Analysis Date/Time:** 04/30/2020 0844

**Method:** HPLC/DAD

**Moisture Content (%):** -

**Analyst:** WW

**Instrument:** Agilent 1100

**Water Activity (aw):** -

Cannabinoid	Result (%)	Result (mg/g)	Reporting Limit (mg/g)	Result (mg/mL)	Per Unit (mg)
CBD	-	-	0.507	-	-
CBDa	0.211	2.11	0.507	-	2
CBDv	-	-	0.507	-	-
Δ9-THC	1.48	14.8	0.507	-	15
Δ8-THC	-	-	0.507	-	-
THCa	85.8	858	0.507	-	858
THCv	-	-	0.507	-	-
CBC	0.0802	0.802	0.507	-	0.802
CBG	0.194	1.94	0.507	-	1.94
CBGa	0.849	8.49	0.507	-	8
CBN	-	-	0.507	-	-
<b>TOTAL</b>	<b>88.6</b>	<b>886</b>			<b>886</b>
<b>TOTAL THC</b>	<b>76.7</b>	<b>767</b>			<b>767</b>
<b>TOTAL CBD</b>	<b>0.185</b>	<b>1.85</b>			<b>1.85</b>

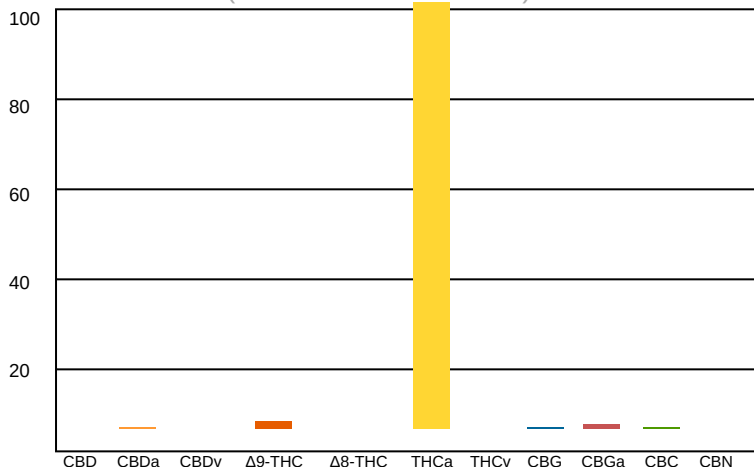


**UNIT MASS (g):** 1

"-" Not detected above RL.

### Cannabinoid Distribution

(% of Total Cannabinoids)



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 THC = (THCa x 0.877) + Δ9-THC  
Total CBD = (CBDa x 0.877) + CBD

Percentage results are reported by mass.  
mg/g results are reported as mass component per mass material.

Abbreviations: UV - Ultraviolet, HPLC - High Pressure Liquid Chromatography, RL - Reporting Limit, RPD - Relative Percent Difference, RSD - Relative Standard Deviation

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 of Oklahoma City, LLC

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



## SUMMARY OF ANALYSIS (SAMPLE ID: SA26419)

<b>Testing Location:</b> OKC 3680 E. I-240 Service Rd. Oklahoma City, OK 73135 License: LAAA-4Y4X-Z72Z	<b>Customer ID:</b> 710 Sunday Extracts 1006 North Oak St Guthrie, OK 73044 License: PAAA-NYIN-5SXX	<b>Order ID:</b> OR8221 <b>Lot Number:</b> Not Entered <b>Batch Number:</b> RDS424MW1112	<b>Sample Type:</b> Primary <b>Matrix:</b> Concentrate <b>Mass:</b> 2g <b>Date Collected:</b> 04/29/2020 <b>Date Received:</b> 04/29/2020
<b>Cultivar (Strain) or Sample Description:</b> Maui Wowie			<b>Date Completed:</b> 05/04/2020

### TERPENOID PROFILE

**Analysis Date/Time:** 04/30/2020 0844      **Method:** HS/GC/FID (Internal Method-002)      **Deviations from SOP:**  
**Analyst:** DJ      **Instrument:** Agilent 6890      None

<u>Terpene</u>	<u>Result (µg/g)</u>	<u>Result (%)</u>	
α-Bisabolol	363	0.0363	
Camphene	-	-	
δ-3-Carene	-	-	
β-Caryophyllene	1923	0.192	■
Caryophyllene oxide	316	0.0316	
p-Cymene	-	-	
Eucalyptol	-	-	
Geraniol	-	-	
Guaiol	245	0.0245	
α-Humulene	2596	0.26	■
Isopulegol	-	-	
d-Limonene	1511	0.151	■
Linalool	980	0.098	■
β-Myrcene	2053	0.205	■
cis-Nerolidol	-	-	
trans-Nerolidol	-	-	
α-Ocimene	-	-	
β-Ocimene	1024	0.102	■
α-Pinene	1536	0.154	■
β-Pinene	1272	0.127	■
α-Terpinene	604	0.0604	
γ-Terpinene	-	-	
Terpinolene	1533	0.153	■
<b>TOTAL</b>	<b>15957</b>	<b>1.6</b>	



*Abbreviations:* HS - Headspace, GC - Gas Chromatography, MS - Mass Spectrometry, RL - Reporting Limit

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 RL.

**Reporting Limit (µg/g): 20.3**

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Felling Analytical Services and Technology of Oklahoma City, LLC

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

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



## SUMMARY OF ANALYSIS (SAMPLE ID: SA26419)

<b>Testing Location:</b> OKC 3680 E. I-240 Service Rd. Oklahoma City, OK 73135 License: LAAA-4Y4X-Z72Z	<b>Customer ID:</b> 710 Sunday Extracts 1006 North Oak St Guthrie, OK 73044 License: PAAA-NYIN-5SXX	<b>Order ID:</b> OR8221 <b>Lot Number:</b> Not Entered <b>Batch Number:</b> RDS424MW1112	<b>Sample Type:</b> Primary <b>Matrix:</b> Concentrate <b>Mass:</b> 2g <b>Date Collected:</b> 04/29/2020 <b>Date Received:</b> 04/29/2020
<b>Cultivar (Strain) or Sample Description:</b> Maui Wowie			<b>Date Completed:</b> 05/04/2020

## RESIDUAL SOLVENT PROFILE

**Analysis Date/Time:** 04/30/2020 0844  
**Analyst:** CC

**Method:** USP <467>  
**Instrument:** Agilent 6890

**Deviations from SOP:**  
None

Solvent	Result (µg/g)	Action Level (µg/g)
Acetone (67-64-1)	-	1000
Benzene (71-43-2)	-	2
n-Butane (106-97-2)	-	1000
2,2-Dimethylbutane (75-83-2)	-	60
2,3-Dimethylbutane (79-29-8)	-	60
Ethyl benzene (100-41-4)	-	430
n-Heptane (142-82-5)	-	1000
n-Hexane (110-54-3)	-	60
Isobutane (75-28-5)	-	1000
Isopropanol (67-63-0)	-	1000
2-Methylbutane (78-78-4)	-	1000
2-Methylpentane (107-83-5)	-	60
3-Methylpentane (96-10-0)	-	60
n-Pentane (109-66-0)	-	1000
n-Propane (74-98-6)	-	1000
Toluene (108-88-3)	-	180
o-Xylene (95-47-6)	-	430
m,p-Xylene (108-38-3 or 106-42-3)	-	430
Xylenes* (1330-20-7)	-	430

Color Key
RESULT < 1/2 AL
1/2 AL < RESULT < AL
RESULT > AL

**Reporting Limit (µg/g)**  
1/2 of AL

"-" not detected above reporting limit

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



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

**Abbreviations:** HS-Headspace, GC-Gas Chromatography, MS-Mass Spectrometry, RL-Reporting Limit, AL-Action Level  
CAS-Chemical Abstract Services

**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 of Oklahoma City, LLC

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



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

**SUMMARY OF ANALYSIS (SAMPLE ID: SA26419)**

<b>Testing Location:</b> OKC 3680 E. I-240 Service Rd. Oklahoma City, OK 73135 License: LAAA-4Y4X-Z72Z	<b>Customer ID:</b> 710 Sunday Extracts 1006 North Oak St Guthrie, OK 73044 License: PAAA-NYIN-5SXX	<b>Order ID:</b> OR8221 <b>Lot Number:</b> Not Entered <b>Batch Number:</b> RDS424MW1112	<b>Sample Type:</b> Primary <b>Matrix:</b> Concentrate <b>Mass:</b> 2g <b>Date Collected:</b> 04/29/2020 <b>Date Received:</b> 04/29/2020
--	---	--	---

**Cultivar (Strain) or Sample Description:** Maui Wowie **Date Completed:** 05/04/2020

**PESTICIDES PROFILE**

**Analysis Date/Time:** 04/30/2020 0844  
**Analyst:** DJ

**Method:** LC/MS/MS  
**Instrument:** Waters Acquity/TQD

**Deviations from SOP:**  
None

<u>Pesticide</u>	<u>Result (µg/g)</u>	<u>Action Level (µg/g)</u>
Abamectin (71751-41-2)	-	0.5
Azoxystrobin (131860-33-8)	-	0.5
Bifenazate* (149877-41-8)	-	0.5
Etoazazole (153233-91-1)	-	0.5
Imazalil (35554-44-0)	-	0.5
Imidacloprid (138261-41-3)	-	0.5
Malathion (121-75-5)	-	0.5
Myclobutanil (88671-89-0)	-	0.5
Permethrins* (52645-53-1)	-	0.5
Spinosad A (168316-95-8)	-	0.5
Spinosad D (168316-95-8)	-	0.5
Spiromesifen (283594-90-1)	-	0.5
Spirotetramat (203313-25-1)	-	0.5
Tebuconazole (80443-41-0)	-	0.5

Color Key

RESULT < 1/2 AL
1/2 AL < RESULT < AL
RESULT > AL



Reporting Limit (µg/g)  
1/2 of AL

"-" not detected above reporting limit

"\*" analyzed by GC/MS (all others analyzed by LC/MS/MS)

Permethrins measured as the cumulative residue of the *cis*- and *trans*-permethrin isomers.

**Abbreviations:** LC - Liquid Chromatography, GC - Gas Chromatography, MS - Mass Spectrometry, RL - Reporting Limit, AL - Action Level, CAS - Chemical Abstract Services

<u>Pesticide</u>	<u>Synonym(s)</u>	<u>Pesticide</u>	<u>Synonym(s)</u>	<u>Pesticide</u>	<u>Synonym(s)</u>
Cyfluthrin	Baythroid	Myclobutanil	Sythane	Propiconazole	Tilt
DDVP	Dichlorvos	Naled	Dibrom	Propoxur	Baygon
Ethoprophos	Prophos	Phosmet	Imidan		

**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 of Oklahoma City, LLC

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



**SUMMARY OF ANALYSIS (SAMPLE ID: SA26419)**

<b>Testing Location:</b> OKC 3680 E. I-240 Service Rd. Oklahoma City, OK 73135 License: LAAA-4Y4X-Z72Z	<b>Customer ID:</b> 710 Sunday Extracts 1006 North Oak St Guthrie, OK 73044 License: PAAA-NYIN-5SXK	<b>Order ID:</b> OR8221 <b>Lot Number:</b> Not Entered <b>Batch Number:</b> RDS424MW1112	<b>Sample Type:</b> Primary <b>Matrix:</b> Concentrate <b>Mass:</b> 2g <b>Date Collected:</b> 04/29/2020 <b>Date Received:</b> 04/29/2020
<b>Cultivar (Strain) or Sample Description:</b> Maui Wowie			<b>Date Completed:</b> 05/04/2020

**MYCOTOXIN PROFILE**

**Analysis Date/Time:** 04/30/2020 0844  
**Analyst:** DJ

**Method:** LC/MS/MS  
**Instrument:** Waters Acquity/TQD

**Deviations from SOP:**  
None

<u>Mycotoxin</u>	<u>Result</u> (µg/kg)	<u>Action Level</u> (µg/kg)
Aflatoxin B1	-	20
Aflatoxin B2	-	20
Aflatoxin G1	-	20
Aflatoxin G2	-	20
Ochratoxin A	-	20



*Abbreviations:* EC - Escherichia Coli, CFU - Colony-Forming Unit,  
RL - Reporting Limit, AL - Action Level

**Color Key**

RESULT < 1/2 AL
1/2 AL < RESULT < AL
RESULT > AL

**Reporting Limit (CFU/g)**  
1

"-" not detected above reporting limit

*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 of Oklahoma City, LLC

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



**SUMMARY OF ANALYSIS (SAMPLE ID: SA26419)**

<b>Testing Location:</b> OKC 3680 E. I-240 Service Rd. Oklahoma City, OK 73135 License: LAAA-4Y4X-Z72Z	<b>Customer ID:</b> 710 Sunday Extracts 1006 North Oak St Guthrie, OK 73044 License: PAAA-NYIN-5SXK	<b>Order ID:</b> OR8221 <b>Lot Number:</b> Not Entered <b>Batch Number:</b> RDS424MW1112	<b>Sample Type:</b> Primary <b>Matrix:</b> Concentrate <b>Mass:</b> 2g <b>Date Collected:</b> 04/29/2020 <b>Date Received:</b> 04/29/2020
<b>Cultivar (Strain) or Sample Description:</b> Maui Wowie			<b>Date Completed:</b> 05/04/2020

**HEAVY METAL PROFILE**

**Analysis Date/Time:** 04/30/2020 0844  
**Analyst:** CC

**Method:** ICP/MS  
**Instrument:** PerkinElmer Elan 9000

**Deviations from SOP:**  
None

<u>Heavy Metal</u>	<u>Result (µg/kg)</u>	<u>Action Level (µg/kg)</u>
Arsenic (As)	-	400
Cadmium (Cd)	-	440
Lead (Pb)	-	1000
Mercury (Hg)	-	200



*Abbreviations:* ICP - Inductively-Coupled Plasma, OES - Optical Emission Spectroscopy, MS - Mass Spectroscopy, RL - Reporting Limit, AL - Action Level

**Color Key**

RESULT < 1/2 AL
1/2 AL < RESULT < AL
RESULT > AL

**Reporting Limit (µg/kg)**  
50

"-" not detected above reporting limit

*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 of Oklahoma City, LLC

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



**SUMMARY OF ANALYSIS (SAMPLE ID: SA26419)**

<b>Testing Location:</b> OKC 3680 E. I-240 Service Rd. Oklahoma City, OK 73135 License: LAAA-4Y4X-Z72Z	<b>Customer ID:</b> 710 Sunday Extracts 1006 North Oak St Guthrie, OK 73044 License: PAAA-NYIN-5SXX	<b>Order ID:</b> OR8221 <b>Lot Number:</b> Not Entered <b>Batch Number:</b> RDS424MW1112	<b>Sample Type:</b> Primary <b>Matrix:</b> Concentrate <b>Mass:</b> 2g <b>Date Collected:</b> 04/29/2020 <b>Date Received:</b> 04/29/2020
<b>Cultivar (Strain) or Sample Description:</b> Maui Wowie			<b>Date Completed:</b> 05/04/2020

**MICROBIOLOGICAL PROFILE**

**Analysis Date/Time:** 04/30/2020 0844      **Method:** Hardy Diagnostics CompactDry      **Deviations from SOP:**  
**Analyst:** DJ      **Instrument:** Thermo Incubator      None

<u>Bacteria/Microbe</u>	<u>Result (CFU/g)</u>	<u>Action Level (CFU/g)</u>
Aerobic Plate Count, Total	117130	-
Escherichia Coli (E. Coli)	Absent	1
Mold/Yeast	Absent	10000
Salmonella spp.	Absent	1
Staphylococcus Aureus	Absent	1



*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 < 1/2 AL
1/2 AL < RESULT < AL
RESULT > AL

**Reporting Limit (CFU/g)**  
1

"-" not detected above reporting limit

*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 of Oklahoma City, LLC

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

