

Certificate ID: **46775**  
 Client Sample ID: **HEMP FX SOOTHE**  
 Lot Number: **K8021 R1T1D1.D**  
 Matrix: **Topical - Lotion**

Received: **1/22/19**

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**Youngevity**  
 2400 boswell rd, Qa/Ra Manager  
 Chula Vista, ca 91914  
 Attn: bradley strout

Authorization: [Redacted] Lab Manager	Signature: [Redacted]	Date: 2/7/2019
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The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2005. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

**CN: Cannabinoid Profile & Potency [WI-10-17 & WI-10-17-01]**      Analyst: JSG      Test Date: 2/4/2019

The client sample was analyzed for plant-based cannabinoids by Liquid Chromatography (LC). The collected data was compared to data collected for certified reference standards at known concentrations.

**46775-CN**

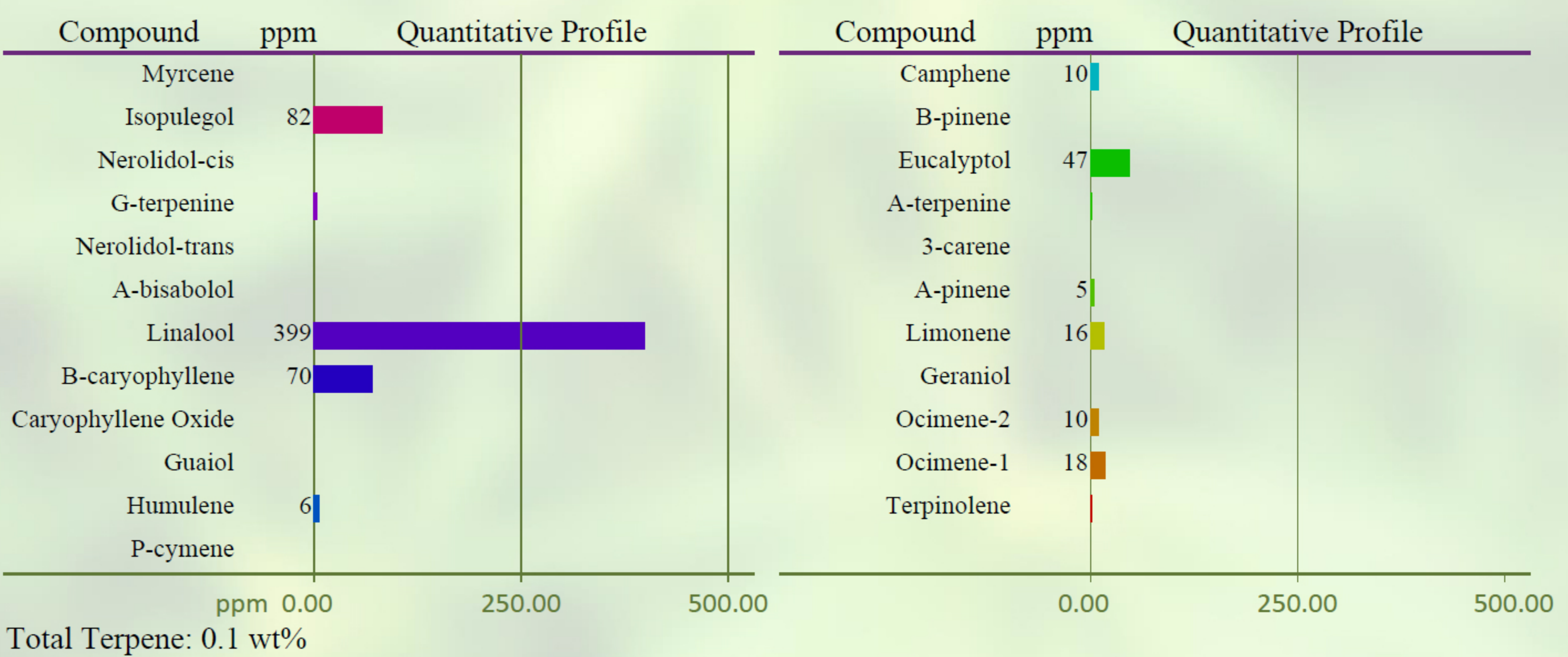
ID	Weight %	Conc.			
D9-THC	ND	ND			
THCV	ND	ND			
CBD	0.30 wt %	3.04 mg/g			
CBDV	ND	ND			
CBG	ND	ND			
CBC	ND	ND			
CBN	ND	ND			
THCA	ND	ND			
CBDA	ND	ND			
CBGA	ND	ND			
Total	0.30 wt%	3.04 mg/g	0%	Cannabinoids (wt%)	0.3%
Max THC	-	-			
Max CBD	0.30 wt%	3.04 mg/g			

Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation: Max THC = (0.877 x THCA) + THC. This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND = None detected above the limits of detection (LLD)

**TP: Terpenes Profile [WI-10-08]**      Analyst: CMA      Test Date: 1/26/2019

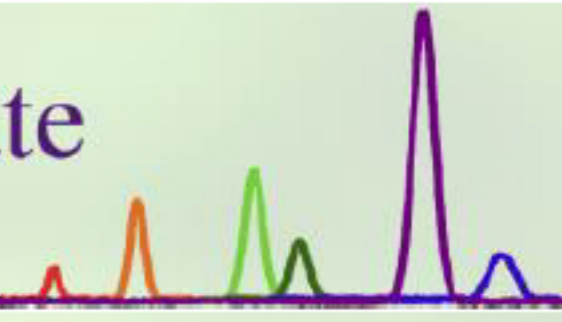
The client sample was analyzed by Head-Space Gas Chromatography (HS-GC). The collected data was compared to data collected for certified reference standards at known concentrations.

**46775-TP**



\* Indicates semi-qualitative calculation based on recorded peak areas.

**END OF REPORT**



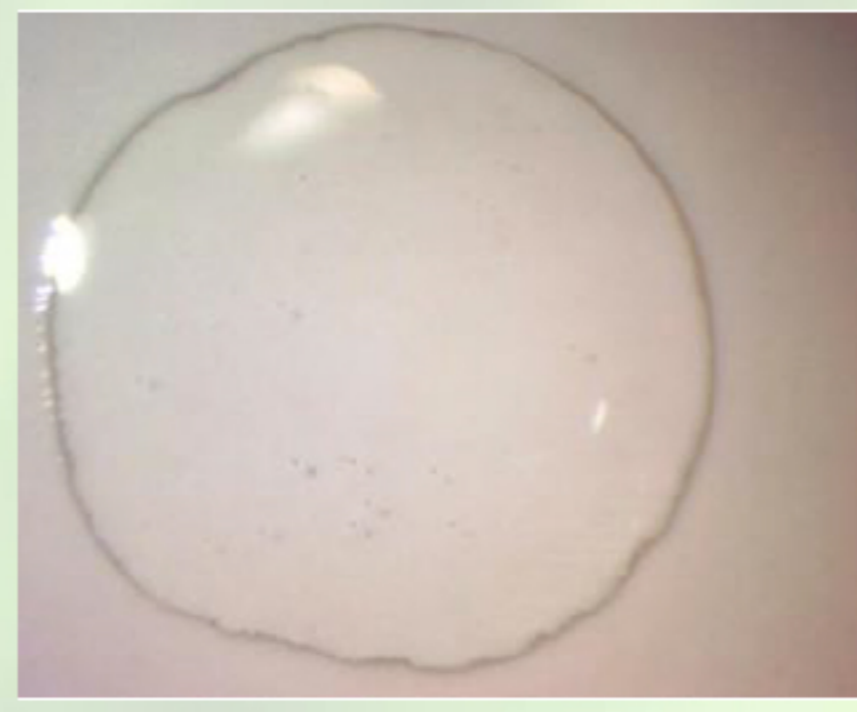
Certificate ID: **46777**  
 Client Sample ID: **HEMP FX RELAX**  
 Lot Number: **812014**  
 Matrix: -

Received: **1/22/19**



**Youngevity**  
 2400 boswell rd, Qa/Ra Manager  
 Chula Vista, ca 91914  
 Attn: bradley strout

Authorization: [Redacted] Lab Manager	Signature: [Redacted]	Date: 2/7/2019
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**CN: Cannabinoid Profile & Potency [WI-10-17 & WI-10-17-01]**      Analyst: JSG      Test Date: 2/4/2019

The client sample was analyzed for plant-based cannabinoids by Liquid Chromatography (LC). The collected data was compared to data collected for certified reference standards at known concentrations.

**46777-CN**

ID	Weight %	Conc.			
D9-THC	ND	ND			
THCV	ND	ND			
CBD	2.66 wt %	25.48 mg/mL			
CBDV	0.03 wt %	0.25 mg/mL			
CBG	ND	ND			
CBC	ND	ND			
CBN	ND	ND			
THCA	ND	ND			
CBDA	ND	ND			
CBGA	ND	ND			
Total	2.69 wt%	25.74 mg/mL	0%	Cannabinoids (wt%)	2.7%
Max THC	-	-			
Max CBD	2.66 wt%	25.48 mg/mL			

Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation: Max THC = (0.877 x THCA) + THC. This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND = None detected above the limits of detection (LLD)

**TP: Terpenes Profile [WI-10-08]**      Analyst: CMA      Test Date: 1/26/2019

The client sample was analyzed by Head-Space Gas Chromatography (HS-GC). The collected data was compared to data collected for certified reference standards at known concentrations.

**46777-TP**

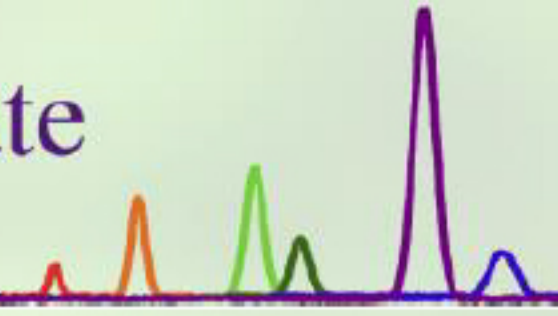
Compound	ppm	Quantitative Profile	Compound	ppm	Quantitative Profile
Myrcene			Camphene		
Isopulegol	226	[Bar]	B-pinene		
Nerolidol-cis			Eucalyptol		
G-terpinene			A-terpinene		
Nerolidol-trans			3-carene		
A-bisabolol			A-pinene	6	[Bar]
Linalool	332	[Bar]	Limonene	7	[Bar]
B-caryophyllene	190	[Bar]	Geraniol		
Caryophyllene Oxide			Ocimene-2		
Guaiol			Ocimene-1	5	[Bar]
Humulene			Terpinolene		
P-cymene					

ppm 0.00      250.00      500.00      0.00      250.00      500.00

Total Terpene: 0.1 wt%

\* Indicates semi-qualitative calculation based on recorded peak areas.

**END OF REPORT**



Certificate ID: **46776**  
 Client Sample ID: **HEMP FX UPLIFT**  
 Lot Number: **812013**  
 Matrix: **Capsules/Tablets - Capsule**

Received: **1/22/19**

Scan QR Code for authenticity



**Youngevity**  
 2400 boswell rd, Qa/Ra Manager  
 Chula Vista, ca 91914  
 Attn: **bradley strout**

Authorization: [Redacted] Lab Manager	Signature: [Redacted]	Date: 2/7/2019
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**CN: Cannabinoid Profile & Potency [WI-10-17 & WI-10-17-01]**      Analyst: *JSG*      Test Date: *2/4/2019*

The client sample was analyzed for plant-based cannabinoids by Liquid Chromatography (LC). The collected data was compared to data collected for certified reference standards at known concentrations.

**46776-CN**

ID	Weight %	Conc.			
D9-THC	ND	ND			
THCV	ND	ND			
CBD	1.66 wt %	10.20 mg/capsule			
CBDV	0.02 wt %	0.09 mg/capsule			
CBG	ND	ND			
CBC	ND	ND			
CBN	ND	ND			
THCA	ND	ND			
CBDA	ND	ND			
CBGA	ND	ND			
Total	1.67 wt%	10.30 mg/capsule	0%	Cannabinoids (wt%)	1.7%
Max THC	-	-			
Max CBD	1.66 wt%	10.20 mg/capsule			

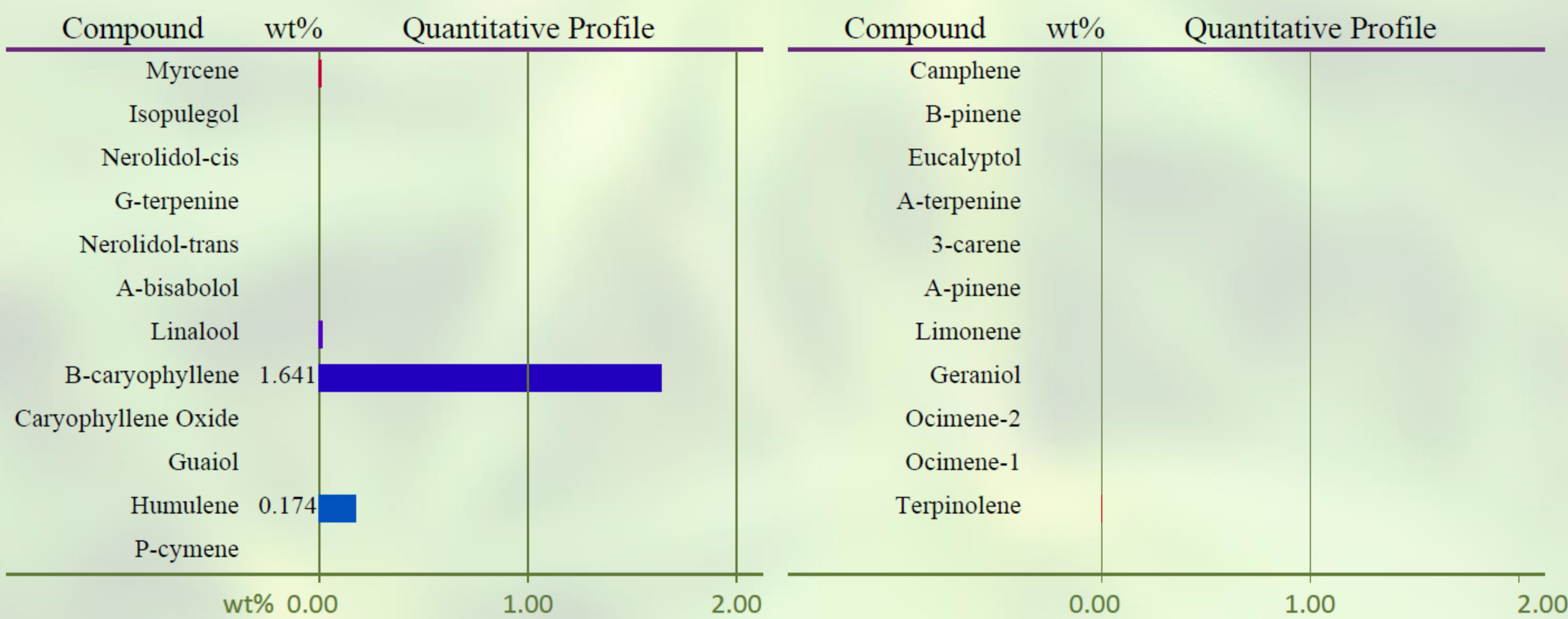
Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation: Max THC = (0.877 x THCA) + THC. This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND = None detected above the limits of detection (LLD)

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**TP: Terpenes Profile [WI-10-08]**      Analyst: *CMA*      Test Date: *1/26/2019*

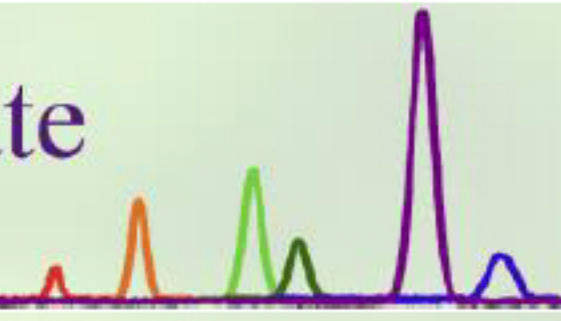
The client sample was analyzed by Head-Space Gas Chromatography (HS-GC). The collected data was compared to data collected for certified reference standards at known concentrations.

**46776-TP**



\* Indicates semi-qualitative calculation based on recorded peak areas.

**END OF REPORT**



Certificate ID: **60700**  
 Client Sample ID: **HEMP FX pet chew**  
 Lot Number: **20191821a**  
 Matrix: **Edibles - Pet Treats**

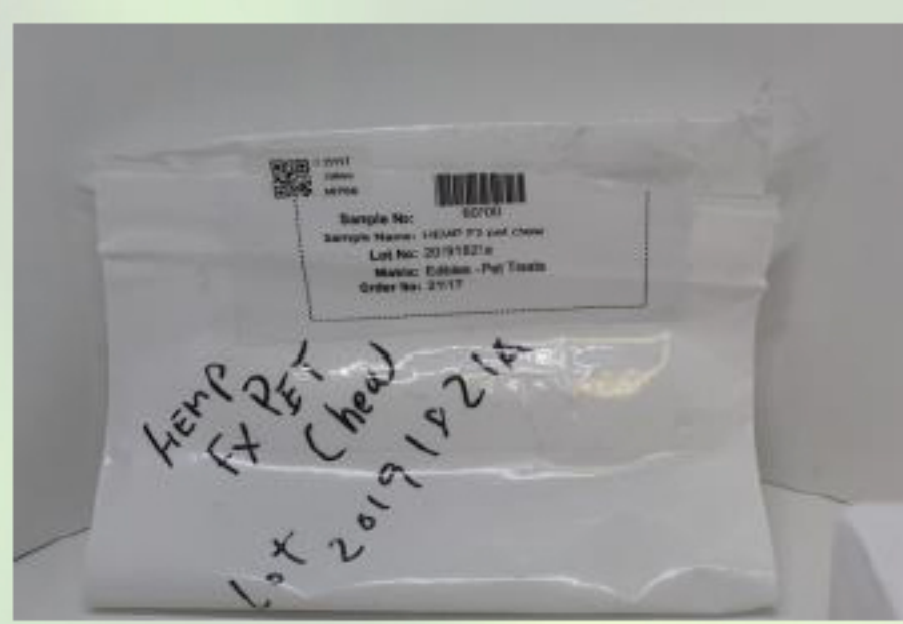
Received: **8/2/19**

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**Youngevity**  
 2400 boswell rd, Qa/Ra Manager  
 Chula Vista, CA 91914  
 Attn: bradley strout

Authorization: [Redacted] Lab Manager	Signature: [Redacted]	Date: 8/8/2019
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The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2017. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

**CN: Cannabinoid Profile & Potency [WI-10-17 & WI-10-17-01]** Analyst: *LG* Test Date: *8/6/2019*

The client sample was analyzed for plant-based cannabinoids by Liquid Chromatography (LC). The collected data was compared to data collected for certified reference standards at known concentrations.

**60700-CN**

ID	Weight %	Concentration (mg/treat)			
D9-THC	ND	ND			
THCV	ND	ND			
CBD	0.12	4.29			
CBDV	ND	ND			
CBG	ND	ND			
CBC	ND	ND			
CBN	ND	ND			
THCA	ND	ND			
CBDA	ND	ND			
CBGA	ND	ND			
D8-THC	ND	ND			
exo-THC	ND	ND			
Total	0.12	4.29	0%	Cannabinoids (wt%)	0.1%
Max THC	-	-			
Max CBD	0.12	4.29			

Limit of Quantitation (LOQ) = 0.0023 wt%

Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation: Max THC = (0.877 x THCA) + THC. This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND = None detected above the limits of detection (LLD)

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Youngevity

Certificate ID: 60700

HEMP FX pet chew (-)

**MB1: Microbiological Contaminants [WI-10-09]** Analyst: *MM* Test Date: *8/5/2019*

This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

**60700-MB1**

Symbol	Analysis	Results	Units	Limits*	Status
AC	Total Aerobic Bacterial Count	<100	CFU/g	100,000 CFU/g	PASS
CC	Total Coliform Bacterial Count	<100	CFU/g	1,000 CFU/g	PASS
EB	Total Bile Tolerant Gram Negative Count	<100	CFU/g	1,000 CFU/g	PASS
YM	Total Yeast & Mold	<100	CFU/g	10,000 CFU/g	PASS

Note: All recorded Microbiological tests are within the established limits.

**MB2: Pathogenic Bacterial Contaminants [WI-10-10]** Analyst: *LabAdmin* Test Date: *8/6/2019*

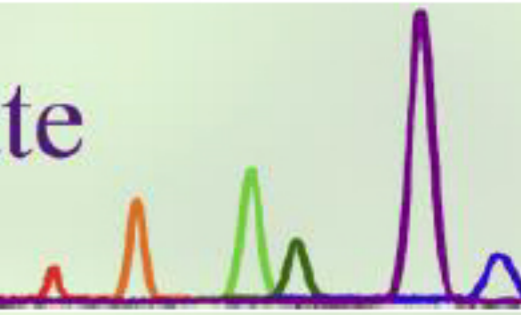
This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

**60700-MB2**

Test ID	Analysis	Results	Units	Limits*	Status
60700-ECPT	E. coli (O157)	Negative	NA	Non Detected	PASS
60700-SPT	Salmonella	Negative	NA	Non Detected	PASS

Note: All recorded pathogenic bacteria tests passed.

**END OF REPORT**



Certificate ID: **60315**

Received: **7/26/19**

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**Youngevity**

**2400 boswell rd, Qa/Ra Manager**

**Chula Vista, CA 91914**

**Attn: bradley strout**

Client Sample ID: **Hemp FX**

Lot Number: **000012**

Matrix: **Tincture - Hemp Oil**

Authorization: [Redacted] Lab Director	Signature: [Redacted Signature]	Date: 8/5/2019
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**CN: Cannabinoid Profile & Potency [WI-10-17 & WI-10-17-01]**

Analyst: *JSG*

Test Date: *7/31/2019*

The client sample was analyzed for plant-based cannabinoids by Liquid Chromatography (LC). The collected data was compared to data collected for certified reference standards at known concentrations.

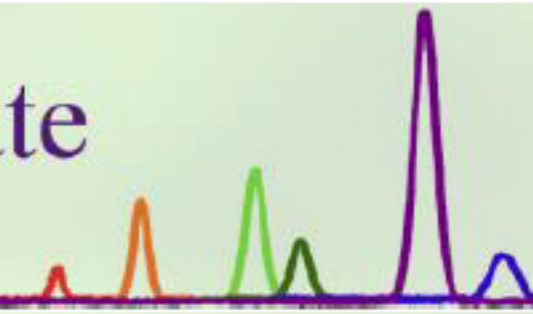
**60315-CN**

ID	Weight %	Concentration (mg/mL)		
D9-THC	ND	ND		
THCV	ND	ND		
CBD	3.11	29.04		
CBDV	0.01	0.11		
CBG	ND	ND		
CBC	0.04	0.37		
CBN	0.02	0.18		
THCA	ND	ND		
CBDA	ND	ND		
CBGA	ND	ND		
D8-THC	ND	ND		
exo-THC	ND	ND		
<b>Total</b>	<b>3.18</b>	<b>29.70</b>	<b>0%</b>	<b>Cannabinoids (wt%) 3.1%</b>
Max THC	-	-		
Max CBD	3.11	29.04		

Limit of Quantitation (LOQ) = 0.011 wt%

Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation:  $Max\ THC = (0.877 \times THCA) + THC$ . This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND = None detected above the limits of detection (LLD)

## END OF REPORT



Certificate ID: **60317**

Received: **7/26/19**

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**Youngevity**

**2400 boswell rd, Qa/Ra Manager**

**Chula Vista, CA 91914**

**Attn: bradley strout**

Client Sample ID: **Hemp FX PURE**

Lot Number: **1808090a**

Matrix: **Capsules/Tablets - Tablet**

Authorization: [Redacted] Lab Director	Signature: [Redacted Signature]	Date: 8/5/2019
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**CN: Cannabinoid Profile & Potency [WI-10-17 & WI-10-17-01]**

*Analyst: LG*

*Test Date: 8/2/2019*

The client sample was analyzed for plant-based cannabinoids by Liquid Chromatography (LC). The collected data was compared to data collected for certified reference standards at known concentrations.

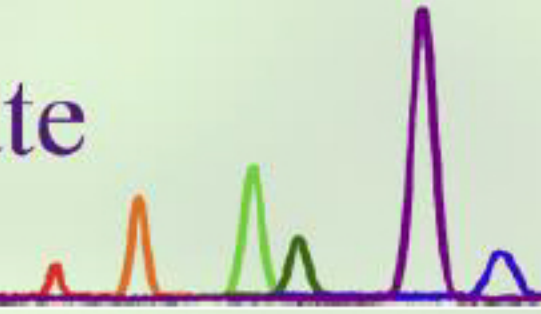
**60317-CN**

ID	Weight %	Concentration (mg/tablet)		
D9-THC	ND	ND		
THCV	ND	ND		
CBD	2.23	24.75		
CBDV	0.01	0.07		
CBG	ND	ND		
CBC	ND	ND		
CBN	ND	ND		
THCA	ND	ND		
CBDA	ND	ND		
CBGA	ND	ND		
D8-THC	ND	ND		
exo-THC	ND	ND		
<b>Total</b>	<b>2.23</b>	<b>24.83</b>	<b>0%</b>	<b>Cannabinoids (wt%) 2.2%</b>
Max THC	-	-		
Max CBD	2.23	24.75		

Limit of Quantitation (LOQ) = 0.0066 wt%

Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation: Max THC = (0.877 x THCA) + THC. This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND = None detected above the limits of detection (LLD)

## END OF REPORT



Certificate ID: **60316**

Received: **7/26/19**

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**Youngevity**

**2400 boswell rd, Qa/Ra Manager**

**Chula Vista, CA 91914**

**Attn: bradley strout**

Client Sample ID: **Hemp FX Sleep**

Lot Number: **180813so-1**

Matrix: **Capsules/Tablets - Tablet**

Authorization: [Redacted] Lab Director	Signature: [Redacted]	Date: 8/5/2019
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**CN: Cannabinoid Profile & Potency [WI-10-17 & WI-10-17-01]**

Analyst: *LG*

Test Date: *8/2/2019*

The client sample was analyzed for plant-based cannabinoids by Liquid Chromatography (LC). The collected data was compared to data collected for certified reference standards at known concentrations.

**60316-CN**

ID	Weight %	Concentration (mg/tablet)	
D9-THC	ND	ND	
THCV	ND	ND	
CBD	2.48	25.24	
CBDV	0.01	0.06	
CBG	ND	ND	
CBC	ND	ND	
CBN	ND	ND	
THCA	ND	ND	
CBDA	ND	ND	
CBGA	ND	ND	
D8-THC	ND	ND	
exo-THC	ND	ND	
<b>Total</b>	<b>2.49</b>	<b>25.30</b>	<b>0% Cannabinoids (wt%) 2.5%</b>
Max THC	-	-	
Max CBD	2.48	25.24	

Limit of Quantitation (LOQ) = 0.0067 wt%

Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation: Max THC = (0.877 x THCA) + THC. This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND = None detected above the limits of detection (LLD)

## END OF REPORT