

**Report To:**

Curaleaf LLC

Attn: Victoria Gill

100 Grist Mill Rd.

Simsbury, CT 06070

Date Received: 12/18/2019

Date Tested: 12/18/2019

Laboratory Report#: N1979883-05

E-Mail: tori@curaleaf.com

Report Date: 01/03/2020

<u>Sample Site:</u>	CURALEAF • 100 GRIST MILL RD, SIMSBURY CT		
<u>Date Collected:</u>	12/18/2019 10:24	Collected by: W. Clark of NELabs	
<u>Laboratory ID #:</u>	<u>1979833-05</u>		
<u>Product Description:</u>	1912224F5 – JH		

Parameter	Result	Units	Recommended Limits *	
Total Aerobic Microbial Count	1,400	per gram	PASS	100,000
Total Yeast & Mold Count	3,500	per gram	PASS	10,000
Bile Tolerant Gram Negative Bacteria	<100	per gram	PASS	1,000
Coliform	<100	per gram	PASS	1,000
Enteropathogenic E.coli	Not Detected	per gram	PASS	Not Detected
Salmonella species	Not Detected	per gram	PASS	Not Detected

*** RECOMMENDED LIMITS:** per American Herbal Pharmacopoeia (2013)**PASS =** Product meets Microbial and Fungal Recommended Limits
per American Herbal Pharmacopoeia (2013)**METHODS:** USP 2021, USP 2022, FDA-BAM, AOAC 996.09**Comments:**

- Results are based on a sample submitted to Northeast Laboratories, Inc. on: 12/18/2019

Approved By:

Alan C. Johnson, Laboratory Director

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Simsbury, CT 06070

Date Received: 12/18/2019

Date Tested: 12/19 – 12/27 2019

Laboratory Report#: **N1979883-05**E-Mail: tori@curaleaf.com

Report Date: 01/03/2020

<u>Sample Site:</u>	CURALEAF		
	• 100 GRIST MILL RD, SIMSBURY CT		
<u>Date Collected:</u>	12/18/2019	10:24	Collected by: W. Clark of NELabs
<u>Laboratory ID #:</u>	1979833-05		
<u>Product Description:</u>	1912224F5 – JH		

HEAVY METALS:				
Parameter	Result	Units		Limits
Arsenic, Total	<0.0005	µg/kg BW/day	PASS	<0.14
Cadmium, Total	<0.007	µg/kg BW/day	PASS	<0.09
Lead, Total	<0.25	µg/kg BW/day	PASS	<0.29
Mercury, Total	<0.005	µg/kg BW/day	PASS	<0.29

Daily Dose: 1 gram**Body Weight:** 50 kilograms**METHODS:** USP <232> and <233> (Modified)

AOAC 986.15, 935.50, 971.21

FCC 7, Appendix 3

LIMITS: per American Herbal Pharmacopoeia (2013)**PASS =** Product meets Heavy Metals Recommended Limits
per American Herbal Pharmacopoeia (2013)**Comments:**

- Results are based on a sample submitted to Northeast Laboratories, Inc. on: 12/18/2019

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Alan C. Johnson, Laboratory Director

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Attn: Victoria Gill

100 Grist Mill Rd.

Simsbury, CT 06070

Date Received: 12/18/2019

Date Tested: 12/30/2019

Laboratory Report#: N1979883-05

E-Mail: tori@curaleaf.com

Report Date: 01/03/2020

<u>Sample Site:</u>	CURALEAF • 100 GRIST MILL RD, SIMSBURY CT		
<u>Date Collected:</u>	12/18/2019 10:24	Collected by: W. Clark of NELabs	
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EXPANDED TERPENES (% Dry Weight)	Result	Units
a-pinene	0.13	%
camphene	---	%
b-pinene	0.13	%
b-myrcene	0.49	%
3-carene	---	%
a-terpinene	---	%
p-cymene	---	%
limonene	0.14	%
ocimene	0.40	%
y-terpinene	---	%
terpinolene	0.83	%
linalool	---	%
(-)-isopulegol	---	%
geraniol	---	%
b-caryophyllene	0.18	%
humulene	---	%
cis-nerolidol	---	%
trans-nerolidol	---	%
guaial	---	%
a-bisabolol	---	%

METHODS: GC, GC/MS**Comments:**

- Results are based on a sample submitted to Northeast Laboratories, Inc. on: 12/18/2019

Approved By:

Alan C. Johnson, Laboratory Director

Northeast Laboratories, Inc. 129 Mill Street Berlin, CT 06037 www.nelabsct.com

Telephone: 860-828-9787 Toll Free (In State) 800-826-0105 (Out of State) 800-654-1230 Fax: 860-829-1050

CT Cert. #PH-0404 EPA Cert. #CT-024 USDA Cert. #0976 FDA Reg. #086650488 DEA Reg.: Federal #RN0281852 + CT #624

**Report To:**

Curaleaf LLC

Attn: Victoria Gill

100 Grist Mill Rd.

Simsbury, CT 06070

Date Received: 12/18/2019

Date Tested: 12/23/2019 – 1/2/2020

Laboratory Report#: **N1979883-05**E-Mail: tori@curaleaf.com

Report Date: 01/03/2020

<u>Sample Site:</u>	CURALEAF • 100 GRIST MILL RD, SIMSBURY CT		
<u>Date Collected:</u>	12/18/2019 10:24	Collected by: W. Clark of NELabs	
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<u>Product Description:</u>	1912224F5 – JH		

PESTICIDES	
Parameter	Result
Bifenazate	PASS
Bifenthrin	PASS
Cyfluthrin	PASS
Etoxazole	PASS
Imazalil	PASS
Imidacloprid	PASS
Myclobutanil	PASS
Pyrethrum	PASS
Spiromesifen	PASS
Trifloxystrobin	PASS

Comments:

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Date Received: 12/18/2019

Date Tested: 12/23 – 12/26 2019

Laboratory Report#: N1979883-05

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Report Date: 01/03/2020

<u>Sample Site:</u>	CURALEAF		
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MYCOTOXINS				
Parameter	Result	Units		Limits
<i>Method: USP 561-II</i>				
Aflatoxin B1	<5	µg/kg	PASS	5
Aflatoxin B2	<5	µg/kg	PASS	5
Aflatoxin G1	<5	µg/kg	PASS	5
Aflatoxin G2	<5	µg/kg	PASS	5
<i>Method: USP 561-II (Mod)</i>				
Ochratoxin-A	<5	µg/kg	PASS	5

METHODS: USP <561>

Articles of Botanical Origin: Aflatoxins Method 2 (modified for Ochratoxin)

LIMITS: per American Herbal Pharmacopoeia (2013)**Comments:**

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<u>CANNABINOIDS (% weight)</u>	<u>Result</u>	<u>Units</u>
CBDV	----	% weight
CBDA	----	% weight
CBGA	0.83	% weight
CBG	----	% weight
CBD	----	% weight
THCV	----	% weight
CBN	----	% weight
THC	----	% weight
CBC	----	% weight
THCA	23.19	% weight

METHODS: HPLC**Comments:**

- Results are based on a sample submitted to Northeast Laboratories, Inc. on: 12/18/2019

Approved By:

Alan C. Johnson, Laboratory Director