



4

Report To:
Curaleaf LLC
Attn: Greg Schaan
100 Grist Mill Rd.
Simsbury, CT 06070

Date Received: **02/08/2019**
Date Tested: **02/08/2019**
Laboratory Report#: **N1976541-01**

E-Mail: greg@curaleaf.com

Report Date: **02/20/2019**

<u>Sample Site:</u>	CURALEAF • 100 GRIST MILL RD, SIMSBURY CT		
<u>Date Collected:</u>	02/08/2019 10:15	Collected by: W. Clark of NELabs	
<u>Laboratory ID #:</u>	<u>1976541-01</u>		
<u>Product Description:</u>	190207B – LV		

Parameter	Result	Units	Recommended Limits *	
Total Aerobic Microbial Count	<100	per gram	PASS	100,000
Total Yeast & Mold Count	<100	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: 02/08/2019

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:**

Curaleaf LLC

Attn: Greg Schaan

100 Grist Mill Rd.

Simsbury, CT 06070

Date Received: **02/08/2019**Date Tested: **02/12 – 02/14 2019**Laboratory Report#: **N1976541-01**E-Mail: greg@curaleaf.comReport Date: **02/20/2019**

<u>Sample Site:</u>	CURALEAF		
	• 100 GRIST MILL RD, SIMSBURY CT		
<u>Date Collected:</u>	02/08/2019	10:15	Collected by: W. Clark of NELabs
<u>Laboratory ID #:</u>	<u>1976541-01</u>		
<u>Product Description:</u>	190207B – LV		

HEAVY METALS:

Parameter	Result	Units		Limits
Arsenic, Total	<0.0005	µg/kg BW/day	PASS	<0.14
Cadmium, Total	<0.002	µg/kg BW/day	PASS	<0.09
Lead, Total	<0.002	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: 02/08/2019

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:**

Curaleaf LLC

Attn: Greg Schaan

100 Grist Mill Rd.

Simsbury, CT 06070

Date Received: **02/08/2019**Date Tested: **02/12/2019**Laboratory Report#: **N1976541-01**E-Mail: greg@curaleaf.comReport Date: **02/20/2019**

<u>Sample Site:</u>	CURALEAF • 100 GRIST MILL RD, SIMSBURY CT		
<u>Date Collected:</u>	02/08/2019 10:15	Collected by: W. Clark of NELabs	
<u>Laboratory ID #:</u>	<u>1976541-01</u>		
<u>Product Description:</u>	190207B – LV		

TERPENES (% Dry Weight)	Result	Units
a-pinene	0.43	%
b-pirene	0.42	%
b-myrcene	0.42	%
limonene	0.17	%
ocimene	0.56	%
linalool	1.41	%
b-caryophyllene	1.29	%
humulene	0.55	%

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

- Results are based on a sample submitted to Northeast Laboratories, Inc. on: 02/08/2019


Approved By: **Alan C. Johnson, Laboratory Director**

**Report To:**

Curaleaf LLC

Attn: Greg Schaan

100 Grist Mill Rd.

Simsbury, CT 06070

Date Received: **02/08/2019**Date Tested: **02/11 – 02/12 2019**Laboratory Report#: **N1976541-01**E-Mail: greg@curaleaf.comReport Date: **02/20/2019**

<u>Sample Site:</u>	CURALEAF • 100 GRIST MILL RD, SIMSBURY CT		
<u>Date Collected:</u>	02/08/2019 10:15	Collected by: W. Clark of NELabs	
<u>Laboratory ID #:</u>	<u>1976541-01</u>		
<u>Product Description:</u>	190207B – LV		

PESTICIDES LC (MS/MS)				
Parameter	Result	Units		Limits
Abamectin	<0.1	mg/kg	PASS	15
Acequinocyl	<0.1	mg/kg	PASS	14
Azadiractin	<0.1	mg/kg	PASS	60
Bifenazate	<0.1	mg/kg	PASS	6
Bifenthrin	<0.1	mg/kg	PASS	12
Chlormequat Chloride	<0.1	mg/kg	PASS	30
Cyfluthrin	<0.1	mg/kg	PASS	12
Daminozide	<0.1	mg/kg	PASS	270
Ettoxazole	<0.1	mg/kg	PASS	24
Fenoxycarb	<0.1	mg/kg	PASS	32
Imazalil	<0.1	mg/kg	PASS	6
Imidacloprid	<0.1	mg/kg	PASS	36
Myclobutanil	<0.1	mg/kg	PASS	18
Paclobutrazol	<0.1	mg/kg	PASS	13
Pyrethrum	<0.1	mg/kg	PASS	3
Spinosad	<0.1	mg/kg	PASS	12
Spiromesifen	<0.1	mg/kg	PASS	15
Spirotetramat	<0.1	mg/kg	PASS	30
Trifloxystrobin	<0.1	mg/kg	PASS	60

METHODS: LC – MS/MS (Restek Method)**LIMITS:** per FAO - WHO**Comments:**

- Results are based on a sample submitted to Northeast Laboratories, Inc. on: 02/08/2019

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:**

Curaleaf LLC

Attn: Greg Schaan

100 Grist Mill Rd.

Simsbury, CT 06070

Date Received: **02/08/2019**Date Tested: **02/11 – 02/12 2019**Laboratory Report#: **N1976541-01**E-Mail: greg@curaleaf.comReport Date: **02/20/2019**

<u>Sample Site:</u>	CURALEAF • 100 GRIST MILL RD, SIMSBURY CT		
<u>Date Collected:</u>	02/08/2019 10:15	Collected by: W. Clark of NELabs	
<u>Laboratory ID #:</u>	<u>1976541-01</u>		
<u>Product Description:</u>	190207B – LV		

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:**

- Results are based on a sample submitted to Northeast Laboratories, Inc. on: 02/08/2019

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:**

Curaleaf LLC

Attn: Greg Schaan

100 Grist Mill Rd.

Simsbury, CT 06070

Date Received: **02/08/2019**Date Tested: **02/09/2019**Laboratory Report#: **N1976541-01**E-Mail: greg@curaleaf.comReport Date: **02/20/2019**

<u>Sample Site:</u>	CURALEAF • 100 GRIST MILL RD, SIMSBURY CT		
<u>Date Collected:</u>	02/08/2019	10:15	Collected by: W. Clark of NELabs
<u>Laboratory ID #:</u>	<u>1976541-01</u>		
<u>Product Description:</u>	190207B – LV		

CANNABINOIDS	% by Weight	Mg per 0.3 g of product	Mg per 0.5 g of product	Mg per 1 g of product
CBDV	---	---	---	---
CBDA	---	---	---	---
CBGA	0.58	1.74	2.90	5.80
CBG	0.81	2.43	4.05	8.10
CBD	---	---	---	---
THCV	---	---	---	---
CBN	---	---	---	---
THC	69.81	209.43	349.05	698.10
CBC	0.70	2.10	3.50	7.00
THCA	6.04	18.12	30.20	60.40

METHODS: HPLC**Comments:**

- Results are based on a sample submitted to Northeast Laboratories, Inc. on: 02/08/2019

Approved By:

Alan C. Johnson, Laboratory Director