

**Report To:**

Curaleaf LLC

Attn: Victoria Gill

100 Grist Mill Rd.

Simsbury, CT 06070

Date Received: **03/26/2019**Date Tested: **03/27/2019**Laboratory Report#: **N1977019-06****E-Mail:** tori@curaleaf.comReport Date: **04/05/2019**

<u>Sample Site:</u>	CURALEAF • 100 GRIST MILL RD, SIMSBURY CT		
<u>Date Collected:</u>	03/26/2019 14:00	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1977019-06</u>		
<u>Product Description:</u>	190321A – BL – LLB		

Parameter	Result	Units	Recommended Limits *	
Total Aerobic Microbial Count	<10 Est.	per gram	PASS	100,000
Total Yeast & Mold Count	<10 Est.	per gram	PASS	10,000
Bile Tolerant Gram Negative Bacteria	<10 Est.	per gram	PASS	1,000
Coliform	<10 Est.	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:** AOAC 2003.01, AOAC 991.14, AOAC 990.12, AOAC 997.02, FDA-BAM, AOAC 996.09**Comments:**

- Results are based on a sample submitted to Northeast Laboratories, Inc. on: 03/26/2019

Approved By:

Alan C. Johnson, Laboratory Director

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Date Received: **03/26/2019**Date Tested: **03/28 – 03/29 2019**Laboratory Report#: **N1977019-06**E-Mail: tori@curaleaf.comReport Date: **04/05/2019**

<u>Sample Site:</u>	CURALEAF		
	• 100 GRIST MILL RD, SIMSBURY CT		
<u>Date Collected:</u>	03/26/2019	14:00	Collected by: C. Appell of NELabs
<u>Laboratory ID #:</u>	1977019-06		
<u>Product Description:</u>	190321A – BL – LLB		

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:**

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TERPENES (% Dry Weight)	Result	Units
a-pinene	---	%
b-pinene	---	%
b-myrcene	---	%
limonene	---	%
ocimene	---	%
linalool	---	%
b-caryophyllene	---	%
humulene	---	%

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

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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
Etoxazole	<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:**

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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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Product Description:	190321A – BL – LLB

CANNABINOIDS	% by Weight	mg per Cookie (avg weight = 19100 mg)
CBDV	----	----
CBDA	----	----
CBGA	----	----
CBG	----	----
CBD	0.16	30.56
THCV	----	----
CBN	----	----
THC	0.13	24.83
CBC	---	---
THCA	----	----

METHODS: HPLC**Comments:**

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<u>Parameter</u>	<u>Results</u>
pH	4.54
Water Activity (Aw)	0.48

METHODS: NEL**Comments:**

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