

**Report To:**

Curaleaf LLC

Attn: Victoria Gill

100 Grist Mill Rd.

Simsbury, CT 06070

Date Received: 01/21/2020

Date Tested: 01/21/2020

Laboratory Report#: **N2080106-01**E-Mail: tori@curaleaf.com

Report Date: 01/31/2020

<u>Sample Site:</u>	CURALEAF • 100 GRIST MILL RD, SIMSBURY CT		
<u>Date Collected:</u>	01/21/2020 10:30	Collected by: E. Cybulski of NELabs	
<u>Laboratory ID #:</u>	<u>2080106 – 01</u>		
<u>Product Description:</u>	200117A – TG		

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Recommended Limits *</u>	
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: 01/21/2020

Approved By:

Alan C. Johnson, Laboratory Director

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Date Received: 01/21/2020

Date Tested: 01/21 – 01/25 2020

Laboratory Report#: **N2080106-01**E-Mail: tori@curaleaf.com

Report Date: 01/31/2020

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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:**

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Date Received: 01/21/2020

Date Tested: 01/24/2020

Laboratory Report#: **N2080106-01**E-Mail: tori@curaleaf.com

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EXPANDED TERPENES (% Dry Weight)	Result	Units
a-pinene	---	%
camphene	---	%
b-pinene	---	%
b-myrcene	---	%
3-carene	---	%
a-terpinene	---	%
p-cymene	---	%
limonene	0.13	%
ocimene	---	%
y-terpinene	---	%
terpinolene	<0.1	%
linalool	0.35	%
(-)-isopulegol	---	%
geraniol	---	%
b-caryophyllene	0.99	%
humulene	0.33	%
cis-nerolidol	---	%
trans-nerolidol	0.10	%
guaial	<0.1	%
a-bisabolol	0.26	%

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

- Results are based on a sample submitted to Northeast Laboratories, Inc. on: 01/21/2020

Approved By:

Alan C. Johnson, Laboratory Director

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

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

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Date Received: 01/21/2020

Date Tested: 01/23 – 01/27 2020

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<u>Product Description:</u>	200117A – TG		

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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MYCOTOXINS				
<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Limits</u>	
<i><u>Method: USP 561-II</u></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><u>Method: USP 561-II (Mod)</u></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</u>	<u>% by Weight</u>	<u>Mg per 0.3 g</u>	<u>Mg per 0.5 g</u>	<u>Mg per 1 g</u>
CBDV	----	----	----	----
CBDA	----	----	----	----
CBGA	----	----	----	----
CBG	0.32	0.96	1.60	3.20
CBD	----	----	----	----
THCV	----	----	----	----
CBN	----	----	----	----
d9THC	81.81	245.43	409.05	818.10
CBC	1.55	4.65	7.75	15.50
THCA	0.15	0.45	0.75	1.50

METHODS: HPLC**Comments:**

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