Analytical Report

Report To:
Connecticut Pharmaceutical Solutions
47 Lower Main St
Portland CT 06480

Laboratory Report#: **NCPS081720-04**
Report Date: **09/09/2020**

Sample Site:	**CONNECTICUT PHARMACEUTICAL SOLUTIONS** • **47 LOWER MAIN STREET, PORTLAND CT**
Product Description:	**STK040220**

Microbiological Parameters	Result	Units	Pass/Fail	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

Heavy Metals:	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

Mycotoxins:	Result	Units		Limits
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
Ochratoxin-A	<5	µg/kg	PASS	5

Pesticides:	
Bifenazate	PASS
Bifenthrin	PASS
Cyfluthrin	PASS
Etoxazole	PASS
Imazalil	PASS
Imidacloprid	PASS
Myclobutanil	PASS
Pyrethrum	PASS
Spiromesifen	PASS
Trifloxystrobin	PASS

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Product Description:	**STK040220**

TERPENES by GC/MS (% Dry Weight)	**Result**	**Units**
a-pinene	0.03	%
camphene	---	%
b-pinene	0.04	%
b-myrcene	0.48	%
3-carene	---	%
a-terpinene	---	%
a-ocimene	---	%
p-cymene	---	%
limonene	0.10	%
ocimene	---	%
y-terpinene	0.02	%
terpinolene	0.13	%
linalool	0.02	%
(-)isopulegol	---	%
geraniol	---	%
b-caryophyllene	0.25	%
humulene	0.08	%
cis-nerolidol	---	%
trans-nerolidol	---	%
guaiol	---	%
a-bisabolol	0.08	%
TOTAL TERPENES =	1.21	%

CANNABINOIDS by HPLC (% Dry weight)*	**Result**	**Units**
CBDV	----	% weight
CBDA	0.11	% weight
CBGA	0.87	% weight
CBG	----	% weight
CBD	----	% weight
THCV	----	% weight
CBN	----	% weight
d9THC	0.18	% weight
d8THC	----	% weight
CBL	----	% weight
CBC	----	% weight
THCA	27.44	% weight
TOTAL CANNABINOIDS =	28.60	% weight

Moisture	12.85	%

Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 08/17/2020 (2081695-04) except for the following:
  - *Cannabinoid Results from 09/03/2020 (2081883-02).

Reviewed & Released by: Michelle Szylobryt, QA / QC

Approved By: Alan C. Johnson, Laboratory Director

Date: 9/09/2020