Analytical Report

Report To:
CT Pharma
47 Lower Main St
Portland CT 06480

Laboratory Report#: **NCPS122320-05**
Report Date: **1/04/2021**

Sample Site:	**CONNECTICUT PHARMACEUTICAL SOLUTIONS** • **47 LOWER MAIN STREET, PORTLAND CT**
Product Description:	**DC0102**

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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TERPENES by GC/MS (% Dry Weight)	**Result**	**Units**
a-pinene	----	%
camphene	----	%
b-pinene	----	%
b-myrcene	0.13	%
3-carene	----	%
a-terpinene	----	%
a-ocimene	----	%
p-cymene	----	%
limonene	----	%
ocimene	----	%
y-terpinene	----	%
terpinolene	----	%
linalool	----	%
(-)isopulegol	----	%
geraniol	----	%
b-caryophyllene	1.06	%
humulene	----	%
cis-nerolidol	----	%
trans-nerolidol	----	%
guaiol	0.56	%
a-bisabolol	0.69	%
TOTAL TERPENES =	2.44	%

CANNABINOIDS by HPLC (% Dry weight)	**Result**	**Units**
CBDV	----	% weight
CBDA	7.34	% weight
CBGA	0.29	% weight
CBG	0.87	% weight
CBD	59.77	% weight
THCV	----	% weight
CBN	----	% weight
THC	14.15	% weight
CBL	----	% weight
CBC	2.69	% weight
THCA	----	% weight
TOTAL CANNABINOIDS =	85.11	% weight

Residual Alcohol	2.41	%

Comments:
- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 12/23/2020 (2082915-05).

Reviewed & Released by: Michelle Szylobryt

Michelle Szylobryt, QA / QC

Date: 1/04/2021

Approved By: Alan C. Johnson

Alan C. Johnson, Laboratory Director