Analytical Report

Report To:
CT Pharma
280 Dividend Dr
Rocky Hill CT 06067

Laboratory Report#: **NCPS112720-01**
Report Date: **12/04/2020**

Sample Site:	**CONNECTICUT PHARMACEUTICAL SOLUTIONS** • **280 DIVIDEND DR, ROCKY HILL CT**
Product Description:	**HSH071920**

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	0.29	%
camphene	0.02	%
b-pinene	0.13	%
b-myrcene	0.94	%
3-carene	----	%
a-terpinene	----	%
a-ocimene	----	%
p-cymene	----	%
limonene	0.22	%
ocimene	0.19	%
y-terpinene	----	%
terpinolene	----	%
linalool	0.47	%
(-)isopulegol	----	%
geraniol	----	%
b-caryophyllene	0.39	%
humulene	----	%
cis-nerolidol	----	%
trans-nerolidol	----	%
guaiol	----	%
a-bisabolol	0.06	%
TOTAL TERPENES =	2.71	%

CANNABINOIDS by HPLC (% Dry weight)	**Result**	**Units**
CBDV	----	% weight
CBDA	----	% weight
CBGA	1.11	% weight
CBG	0.19	% weight
CBD	----	% weight
THCV	----	% weight
CBN	----	% weight
THC	0.13	% weight
CBL	----	% weight
CBC	----	% weight
THCA	30.14	% weight
TOTAL CANNABINOIDS =	31.69	% weight

Moisture	18.34	%

Comments:
- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 11/27/2020 (2082679-01).

Reviewed & Released by: Michelle Szylobryt

Michelle Szylobryt, QA / QC

Date: 12/04/2020

Approved By: Alan C. Johnson

Alan C. Johnson, Laboratory Director