Analytical Report

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

Laboratory Report#: **NCPS012720-06**
Report Date: **01/27/2020**

Sample Site:	**CONNECTICUT PHARMACEUTICAL SOLUTIONS** • **47 LOWER MAIN STREET, PORTLAND CT**
Date Collected:	**01/20/2020 11:50 Collected by: EC of NELabs**
Laboratory ID #:	**2080102-03**
Product Description:	**HSH 092019**

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	0.18	%
camphene	---	%
b-pinene	---	%
b-myrcene	0.85	%
3-carene	---	%
a-terpinene	---	%
p-cymene	---	%
limonene	0.22	%
ocimene	0.21	%
y-terpinene	---	%
terpinolene	---	%
linalool	0.12	%
(-)isopulegol	---	%
geraniol	---	%
b-caryophyllene	0.16	%
humulene	---	%
cis-nerolidol	---	%
trans-nerolidol	---	%
guaiol	---	%
a-bisabolol	---	%

CANNABINOIDS by HPLC (% Dry weight)	Result	Units
CBDV	----	% weight
CBDA	----	% weight
CBGA	1.05	% weight
CBG	----	% weight
CBD	----	% weight
THCV	----	% weight
CBN	----	% weight
THC	----	% weight
CBL	----	% weight
CBC	----	% weight
THCA	30.11	% weight

Moisture	26.12	%

Comments:
- Results are based on samples submitted to Northeast Laboratories, Inc. on: 01/20/2020
- Cannabinoid results are based on Sample – C submitted to Northeast Laboratories on 1/20/2020

Reviewed & Released by: Melanie S. LaRose
Melanie S. LaRose, QA / QC
Date: 1/27/2020

Approved By: Alan C. Johnson
Alan C. Johnson, Laboratory Director