

**Report To:**

Connecticut Pharmaceutical Solutions
47 Lower Main St
Portland CT 06480

Laboratory Report#: **NCPS080720-04**Report Date: **08/14/2020**

<u>Sample Site:</u>	CONNECTICUT PHARMACEUTICAL SOLUTIONS • 47 LOWER MAIN STREET, PORTLAND CT		
<u>Date Collected:</u>	08/07/2020	10:15	Collected by: ZC of NELabs
<u>Laboratory ID #:</u>	<u>2081605-04</u>		
Product Description:	HS0031		

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	0.01	%
camphene	---	%
b-pinene	---	%
b-myrcene	0.06	%
3-carene	---	%
a-terpinene	---	%
a-ocimene	0.06	%
p-cymene	---	%
limonene	0.19	%
ocimene	---	%
y-terpinene	---	%
terpinolene	0.07	%
linalool	0.38	%
(-)-isopulegol	---	%
geraniol	---	%
b-caryophyllene	0.98	%
humulene	0.35	%
cis-nerolidol	---	%
trans-nerolidol	0.04	%
guaial	0.21	%
a-bisabolol	0.06	%
TOTAL TERPENES =	2.41	%

CANNABINOIDS by HPLC (% Dry weight)	Result	Units
CBDV	---	% weight
CBDA	---	% weight
CBGA	0.28	% weight
CBG	0.67	% weight
CBD	---	% weight
THCV	---	% weight
CBN	0.26	% weight
d9THC	46.99	% weight
d8THC	---	% weight
CBL	---	% weight
CBC	0.79	% weight
THCA	0.74	% weight
TOTAL CANNABINOIDS =	49.73	% weight

Moisture	1.91	%
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Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 08/07/2020

Reviewed & Released by:

Michelle Szylobryt, QA / QC

Approved By:

Alan C. Johnson, Laboratory Director

Date: 8/14/2020