Analytical Report

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

Laboratory Report#: **NCPS032621-08**
Report Date: **04/01/2021**

Sample Site:	**CONNECTICUT PHARMACEUTICAL SOLUTIONS** • **47 LOWER MAIN STREET, PORTLAND CT**
Product Description:	**MBC102320-Keif**

Microbiological Parameters	Result	Units	Pass/Fail	Recommended Limits
Total Aerobic Microbial Count	<100	per gram	PASS	100,000
Total Yeast & Mold Count	150	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	0.19	%
camphene	0.07	%
b-pinene	0.30	%
b-myrcene	0.21	%
3-carene	----	%
a-terpinene	----	%
a-ocimene	0.42	%
p-cymene	----	%
limonene	1.12	%
ocimene	----	%
y-terpinene	----	%
terpinolene	----	%
linalool	----	%
(-)isopulegol	----	%
geraniol	----	%
b-caryophyllene	2.50	%
humulene	0.73	%
cis-nerolidol	----	%
trans-nerolidol	----	%
guaiol	----	%
a-bisabolol	0.18	%
TOTAL TERPENES =	5.72	%

CANNABINOIDS by HPLC (% Dry weight)	**Result**	**Units**
CBDV	----	% weight
CBDA	----	% weight
CBGA	1.62	% weight
CBG	0.23	% weight
CBD	----	% weight
THCV	----	% weight
CBN	----	% weight
THC	0.22	% weight
CBL	----	% weight
CBC	----	% weight
THCA	67.04	% weight
TOTAL CANNABINOIDS =	69.11	% weight

Moisture	17.55	%

Comments:
- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 03/26/2021 (2183647-08).

Reviewed & Released by: Michelle Szylobryt, QA / QC
Approved By: Alan C. Johnson, Laboratory Director
Date: 4/1/2021