

CT Pharma
280 Dividend Dr.
Rocky Hill, CT 06067

Date Received: 10/15/2021
Report Date: 12/29/2021
NELabs Report ID: 2185713-01

Product ID: MBR061021

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	<100	100,000	AOAC 990.12
^Total Yeast & Mold Count	100	10,000	AOAC 2014.05
Bile Tolerant Gram-Negative Bacteria	<100	1,000	AOAC 2003.01
Coliform	<100	1,000	AOAC 991.14
Enteropathogenic <i>E. coli</i>	Not Detected	Not Detected	AOAC 2017.01
Salmonella species	Not Detected	Not Detected	AOAC 2016.01
Pass/Fail: PASS			

Heavy Metals by ICP-MS	Results (µg/kg BW/day)	Limits (µg/kg BW/day)
Arsenic	<3.2 ⁻⁴	<0.14
Cadmium	<2.4 ⁻⁴	<0.09
Lead	<2.2 ⁻⁴	<0.29
Mercury	<8.4 ⁻⁴	<0.29
Pass/Fail: PASS		

Mycotoxins by TLC	Results (µg/kg)	Limits (µg/kg)
Aflatoxin B1	<5	5
Aflatoxin B2	<5	5
Aflatoxin G1	<5	5
Aflatoxin G2	<5	5
Ochratoxin-A	<5	5
Pass/Fail: PASS		

Pesticides by GC-MS	Results		Results
Bifenazate	Not Detected	Imidacloprid	Not Detected
Bifenthrin	Not Detected	Myclobutanil	Not Detected
Cyfluthrin	Not Detected	Pyrethrum	Not Detected
Etoazole	Not Detected	Spiromesifen	Not Detected
Imazalil	Not Detected	Trifloxystrobin	Not Detected
Pass/Fail: PASS			

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<i>Terpenes by GC-MS</i>	Results (% w/w^a)
α-Pinene	0.02
Camphene	----
β-Myrcene	0.53
β-Pinene	0.05
3-Carene	----
α-terpinene	----
α-Ocimene	----
p-Cymene	----
Limonene	0.20
β-Ocimene	----
γ-Terpinene	----
Linalool	0.27
Terpinolene	----
(-)-Isopulegol	----
Geraniol	----
β-Caryophyllene	0.95
α-Humulene	0.71
cis-Nerolidol	----
trans-Nerolidol	0.75
Guaiol	----
α-Bisabolol	----
Total Terpenes: 3.48	

^a: percentages reported by dry weight

<i>*Cannabinoids by HPLC</i>	Results (% w/w^a)
CBDV	----
CBDA	0.10
CBGA	1.04
CBG	0.01
CBD	----
THCV	----
CBN	----
THC	0.18
CBL	----
CBC	----
THCA	26.74
Total Cannabinoids: 28.07	

^a: percentages reported by dry weight

<i>Moisture</i>	Results (% w/w)
Water Content	10.70

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 10/15/2021 from the CT Pharma Portland facility except for the following: *Cannabinoids; results from 10/25/2021 (2185786-02) and ^Total Yeast and Mold Count; results from 12/22/2021 (2186326-07). Both retests were submitted by the CT Pharma Rocky Hill facility.

Date:	Reviewed by: 	Released by: 
12/29/2021	Michelle Szylobryt, QA / QC	Alan C. Johnson, Laboratory Director