

CT Pharma
280 Dividend Dr.
Rocky Hill, CT 06067

Date Received: 5/20/2022
Report Date: 6/03/2022
NELabs Report ID: 2287424-01

Product ID: MAC010722

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 LC-MS/MS	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 LC-MS/MS	Results	Results	Results
Bifenazate	Not Detected	Myclobutanil	Not Detected
Dimethomorph	Not Detected	Piperonylbutoxide	Not Detected
Etoazole	Not Detected	Spinetoram (J +L)	Not Detected
Fenhexamid	Not Detected	Spinosad (A+D)	Not Detected
Flonicamid	Not Detected	Spirotetramat	Not Detected
Fludioxonil	Not Detected	Thiamethoxam	Not Detected
Imidacloprid	Not Detected	Trifloxystrobin	Not Detected
Pass/Fail: PASS			

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*Terpenes by GC-MS	Results (% w/w^a)
α-Pinene	0.04
Camphene	0.01
β-Myrcene	0.91
β-Pinene	0.11
3-Carene	----
α-terpinene	----
Limonene	0.15
Ocimene	----
p-Cymene	----
γ-Terpinene	----
Terpinolene	----
Linalool	0.06
(-)-Isopulegol	----
Geraniol	----
β-Caryophyllene	0.34
α-Humulene	0.10
cis-Nerolidol	0.02
trans-Nerolidol	0.38
Guaiol	----
α-Bisabolol	----
Total Terpenes: 2.12	

^a: percentages reported by dry weight

*Cannabinoids by HPLC	Results (% w/w^a)
CBDV	----
CBDA	0.01
CBGA	0.43
CBG	0.03
CBD	----
THCV	----
CBN	----
THC	0.15
CBL	----
CBC	----
THCA	31.23
Total Cannabinoids: 31.85	

^a: percentages reported by dry weight

Moisture	Results (% w/w)
Water Content	15.40

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 5/20/2022 except for the following: *Cannabinoids and *Terpenes; results from 5/27/2022 (2287480-02).

Date:	Reviewed by: 	Released by: 
6/03/2022	Michelle Szylobryt, QA / QC	Alan C. Johnson, Laboratory Director