NORTHEAST LABORATORIES

CERTIFICATE OF ANALYSIS

CT Pharma
280 Dividend Dr.
Rocky Hill, CT 06067

Date Received: 5/10/2022
Report Date: 5/20/2022
NELabs Report ID: 2287335-13

Product ID: RC0065

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 *E. coli*	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**
Bifenazate	Not Detected	Myclobutanil	Not Detected
Dimethomorph	Not Detected	Piperonylbutoxide	Not Detected
Etoxazole	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)
α-Pinene	0.91
Camphene	0.11
β-Myrcene	1.65
β-Pinene	0.48
3-Carene	----
α-terpinene	----
α-Ocimene	----
p-Cymene	----
Limonene	1.97
β-Ocimene	----
γ-Terpinene	0.01
Linalool	0.24
Terpinolene	0.03
(-)-Isopulegol	----
Geraniol	----
β-Caryophyllene	1.47
α-Humulene	0.43
cis-Nerolidol	0.05
trans-Nerolidol	0.67
Guaiol	0.18
α-Bisabolol	0.18
Total Terpenes: 8.38	

Cannabinoids by HPLC	Results (% w/w)
CBDV	----
CBDA	----
CBGA	0.05
CBG	0.68
CBD	0.07
THCV	----
CBN	----
THC	87.32
CBL	----
CBC	----
THCA	1.31
Total Cannabinoids: 89.43	

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 5/10/2022.
CoA issued 5/17/2022; re-issued 5/20/2022 with updated Terpene results at the request of the client.

Date:	Reviewed by:	Released by:
5/20/2022	Michelle Szylobryt, QA / QC	Alan C. Johnson, Laboratory Director