NORTHEAST LABORATORIES

CERTIFICATE OF ANALYSIS

CT Pharma
280 Dividend Dr.
Rocky Hill, CT 06067

Date Received: 5/26/2022
Report Date: 6/02/2022
NELabs Report ID: 2287473-02

Product ID: VSC0001

Microbiology	**Results (CFU)**	**Limits (CFU)**	**Methods**
Total Aerobic Microbial Count	310	100,000	AOAC 990.12
Total Yeast & Mold Count	<10	10,000	AOAC 2014.05
Bile Tolerant Gram-Negative Bacteria	<10	1,000	AOAC 2003.01
Coliform	<10	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	----
Camphene	----
β-Myrcene	----
β-Pinene	----
3-Carene	----
α-terpinene	----
Limonene	----
Ocimene	----
p-Cymene	----
γ-Terpinene	----
Terpinolene	----
Linalool	----
(-)-Isopulegol	----
Geraniol	----
β-Caryophyllene	----
α-Humulene	----
cis-Nerolidol	----
trans-Nerolidol	----
Guaiol	----
α-Bisabolol	----
Total Terpenes: BELOW DETECTION	

Cannabinoids by HPLC	Results (% w/w)
CBDV	----
CBDA	----
CBGA	----
CBG	----
CBD	----
THCV	----
CBN	----
THC	0.127
CBL	----
CBC	----
THCA	----
Total Cannabinoids: 0.127	

Moisture	Results (% w/w)
Water Content	16.10

Water Activity (aW)	Results
	0.820

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 5/26/2022.
50.8mg of THC is in a 40g sample.

Date:	Reviewed by:	Released by:
6/02/2022	Michelle Szylobryt, QA / QC	Alan C. Johnson, Laboratory Director