NORTHEAST LABORATORIES

CERTIFICATE OF ANALYSIS

CT Pharma
280 Dividend Dr.
Rocky Hill, CT 06067

Date Received: 7/05/2022
Report Date: 7/13/2022
NELabs Report ID: 2287777-04

Product ID: FRA030922

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
Shiga Toxin Producing *E. coli*	Not Detected	Not Detected	FDA BAM
Listeria Monocytogenes	Not Detected	Not Detected	AOAC 2016.08
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	<0.14	0.14
Cadmium	<0.09	0.09
Lead	<0.29	0.29
Mercury	<0.29	0.29
Pass/Fail: PASS		

Mycotoxins by LC-MS/MS	**Results (µg/kg)**	**Limits (µg/kg)**
Aflatoxin B1	<20	20
Aflatoxin B2	<20	20
Aflatoxin G1	<20	20
Aflatoxin G2	<20	20
Ochratoxin-A	<20	20
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[a])
α-Pinene	0.03
Camphene	0.01
β-Myrcene	0.18
β-Pinene	0.05
3-Carene	----
α-terpinene	----
Limonene	0.25
Ocimene	----
p-Cymene	----
γ-Terpinene	----
Terpinolene	----
Linalool	0.12
(-)-Isopulegol	----
Geraniol	----
β-Caryophyllene	0.42
α-Humulene	0.12
cis-Nerolidol	0.01
trans-Nerolidol	0.37
Guaiol	----
α-Bisabolol	0.06
Total Terpenes: 1.62	

[a]: percentages reported by dry weight

Cannabinoids by HPLC	Results (% w/w[a])
CBDV	----
CBDA	0.15
CBGA	0.18
CBG	0.01
CBD	----
THCV	----
CBN	----
THC	0.18
CBL	----
CBC	----
THCA	31.65
Total Cannabinoids: 32.17	

[a]: percentages reported by dry weight

Moisture	Results (% w/w)
Water Content	44.00

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 7/05/2022 except for the following: Microbiology; results from 7/06/2022 (extra sample needed for testing; no new report ID assigned)

Date:	Reviewed by:	Released by:
7/13/2022	Michelle Szylobryt, QA / QC	Alan C. Johnson, Laboratory Director