CT Pharma
280 Dividend Dr.
Rocky Hill, CT 06067

Date Received: 09/24/2021
Report Date: 10/25/2021
NELabs Report ID: 2185493-04

Product ID: GUC052021

Microbiology	**Results (CFU)**	**Limits (CFU)**	**Methods**
Total Aerobic Microbial Count	<100	100,000	AOAC 990.12
Total Yeast & Mold Count	950	10,000	AOAC 997.02
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 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
Etoxazole	Not Detected	Spiromesifen	Not Detected
Imazalil	Not Detected	Trifloxystrobin	Not Detected
Pass/Fail: **PASS**			

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Terpenes by GC-MS	Results (% w/w[a])
α-Pinene	0.02
Camphene	0.01
β-Myrcene	0.22
β-Pinene	0.01
3-Carene	----
α-terpinene	----
α-Ocimene	----
p-Cymene	----
Limonene	0.06
β-Ocimene	----
γ-Terpinene	----
Linalool	0.21
Terpinolene	----
(-)-Isopulegol	0.15
Geraniol	0.03
β-Caryophyllene	0.59
α-Humulene	0.07
cis-Nerolidol	0.13
trans-Nerolidol	0.54
Guaiol	0.14
α-Bisabolol	0.13
Total Terpenes: 2.31	

[a]: percentages reported by dry weight

**Cannabinoids by HPLC*	Results (% w/w[a])
CBDV	----
CBDA	0.09
CBGA	1.13
CBG	0.01
CBD	----
THCV	----
CBN	----
THC	0.03
CBL	----
CBC	----
THCA	30.37
Total Cannabinoids: 31.63	

[a]: percentages reported by dry weight

Moisture	Results (% w/w)
Water Content	11.50

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 09/24/2021 except for the following: *Cannabinoids; results from 10/15/2021 (2185712-06).

Date:	Reviewed by:	Released by:
10/25/2021	Michelle Szylobryt, QA / QC	Alan C. Johnson, Laboratory Director