

CTPharma
280 Dividend Dr.
Rocky Hill, CT 06067

Date Received: 11/23/2022
Report Date: 12/05/2022
NELabs Report ID: 2288921-01

Product ID: LMS072522

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	<100	100,000	AOAC 990.12
Total Yeast & Mold Count	150	10,000	AOAC 2014.05
Shiga Toxin Producing <i>E. coli</i>	Not Detected	Not Detected	FDA BAM
Listeria Monocytogenes	Not Detected	Not Detected	AOAC 2016.08
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	<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	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	0.61
β-Pinene	0.06
3-Carene	----
α-Terpinene	----
Limonene	0.25
Ocimene	----
p-Cymene	----
γ-Terpinene	----
Terpinolene	----
Linalool	0.27
(-)-Isopulegol	0.16
Geraniol	----
β-Caryophyllene	0.46
α-Humulene	0.21
cis-Nerolidol	0.04
trans-Nerolidol	0.04
Guaiol	0.09
α-Bisabolol	0.07
Total Terpenes: 2.31	

^a: percentages reported by dry weight

Cannabinoids by HPLC	Results (% w/w^a)
CBDV	----
CBDA	0.13
CBGA	0.74
CBG	0.21
CBD	----
THCV	----
CBN	----
THC	0.38
CBL	----
CBC	----
THCA	30.75
Total Cannabinoids: 32.21	

^a: percentages reported by dry weight

Moisture	Results (% w/w)
Water Content	19.30

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 11/23/2022.
CoA issued 12/02/2022; re-issued 12/05/2022 to correct typographical error at the request of the client.

Date:	Reviewed by: 	Released by: 
12/05/2022	Michelle Szylobryt, QA / QC	Zachary Cannone, Laboratory Director