

CTPharma
280 Dividend Dr.
Rocky Hill, CT 06067

Date Received: 11/11/2022
Report Date: 11/18/2022
NELabs Report ID: 2288838-01

Product ID: HSH071122

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 <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	0.22
Camphene	0.01
β-Myrcene	1.17
β-Pinene	0.09
3-Carene	----
α-Terpinene	----
Limonene	0.15
Ocimene	0.20
p-Cymene	----
γ-Terpinene	----
Terpinolene	----
Linalool	0.07
(-)-Isopulegol	----
Geraniol	----
β-Caryophyllene	0.13
α-Humulene	0.05
cis-Nerolidol	0.04
trans-Nerolidol	0.02
Guaiol	----
α-Bisabolol	0.01
Total Terpenes: 2.16	

^a: percentages reported by dry weight

Cannabinoids by HPLC	Results (% w/w^a)
CBDV	----
CBDA	0.60
CBGA	1.00
CBG	0.24
CBD	----
THCV	----
CBN	----
THC	0.29
CBL	----
CBC	----
THCA	29.67
Total Cannabinoids: 31.80	

^a: percentages reported by dry weight

Moisture	Results (% w/w)
Water Content	25.00

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 11/11/2022.

Date:	Reviewed by: 	Released by: 
11/18/2022	Michelle Szylobryt, QA / QC	Zachary Cannone, Laboratory Director