

CTPharma
280 Dividend Dr.
Rocky Hill, CT 06067

Date Received: 11/16/2022
Report Date: 12/19/2022
NELabs Report ID: 2288865-09

Product ID: HS0157

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	<100	100,000	AOAC 990.12
*Total Yeast & Mold Count	2,000	10,000	AOAC 2014.05
Enteropathogenic <i>E. coli</i>	Not Detected	Not Detected	AOAC 2017.01
<i>Listeria Monocytogenes</i>	Not Detected	Not Detected	AOAC 2016.08
<i>Salmonella</i> species	Not Detected	Not Detected	AOAC 2016.01
Shiga Toxin Producing <i>E. coli</i>	Not Detected	Not Detected	FDA BAM
Pass/Fail: PASS			

Cannabinoids by HPLC	Results (% w/w)
CBDV	----
CBDA	0.98
CBGA	3.82
CBG	0.46
CBD	----
THCV	----
CBN	----
THC	0.64
CBL	----
CBC	----
THCA	85.09
Total Cannabinoids: 90.99 %	

*Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.14
Camphene	0.04
β -Myrcene	0.25
β -Pinene	0.17
3-Carene	----
α -Terpinene	----
Limonene	0.71
Ocimene	----
p-Cymene	----
γ -Terpinene	----
Terpinolene	0.02
Linalool	0.12
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	0.54
α -Humulene	0.19
cis-Nerolidol	0.09
trans-Nerolidol	0.12
Guaiol	0.12
α -Bisabolol	0.14
Total Terpenes: 2.65 %	



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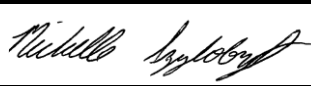
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Pesticides by LC-MS/MS	Results	Limits
Per Sample $\geq$ 0.5g	Not Detected	Below Action Levels
Pass/Fail: PASS		

Heavy Metals by ICP-MS	Results	Limits
As, Cd, Pb, Hg	Below Detection	Below Action Levels
Pass/Fail: PASS		

Mycotoxins by LC-MS/MS	Results ($\mu\text{g/kg}$)	Limits ($\mu\text{g/kg}$)
Aflatoxins (B1, B2, G1, G2)	<20 each	<20 each
Ochratoxin-A	<20	<20
Pass/Fail: PASS		

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 11/16/2022 except for the following: *Terpenes; results from 11/23/2022 (2288921-10) and *Total Yeast and Mold Count; results from 12/09/2022 (2289032-07).

Date:	Reviewed by: 	Released by: 
12/19/2022	Michelle Szylobryt, QA / QC	Zachary Cannone, Laboratory Director

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISOILAC-IAF Communiqué dated April 2017).