

CTPharma
280 Dividend Dr.
Rocky Hill, CT 06067

Date Received: 07/07/2023
Report Date: 08/04/2023
NELabs Report ID: 2390675-05

Product ID: HE0022

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	<100	100,000	AOAC 990.12
Total Yeast & Mold Count	<100	100,000	AOAC 2014.05
<i>Aspergillus (flavus, fumigatus, terreus, niger)</i>	Not Detected	Not Detected	qPCR
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	0.18
CBGA	1.43
CBG	0.22
CBD	----
THCV	----
CBN	----
Δ^9 THC	1.59
CBL	----
CBC	----
THCA	90.47
Total Cannabinoids	93.89 %
Total THC: 80.93 %	

Residual Solvent by GC-MS	Results (% w/w)
Butane	<LOQ
Propane	ND

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.38
Camphene	0.10
β -Myrcene	1.41
β -Pinene	0.27
3-Carene	----
α -Terpinene	----
Limonene	2.09
Ocimene	0.12
p-Cymene	----
γ -Terpinene	----
Terpinolene	----
Linalool	0.82
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	0.65
α -Humulene	0.15
cis-Nerolidol	----
trans-Nerolidol	----
Guaiol	----
α -Bisabolol	----
Total Terpenes: 5.99 %	



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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		

Ingredient Testing by FTIR	Results ($\mu\text{g/kg}$)	Limits ($\mu\text{g/kg}$)
Vitamin E Acetate	Not Detected	Absent
Medium Chain Triglycerides	Not Detected	Absent
Squalene	Not Detected	Absent
Squalane	Not Detected	Absent
Polyethylene Glycol	Not Detected	Absent
Pass/Fail: PASS		

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 07/07/2023 except for the following: *Residual Solvent; results from 07/17/2023 (2390773-03).

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
08/04/2023	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 ISO/ILAC-IAF Communiqué dated April 2017).

