

CTPharma
280 Dividend Dr.
Rocky Hill, CT 06067

Date Received: 05/01/2023
Report Date: 06/16/2023
NELabs Report ID: 2390137-06

Product ID: HE0002-2

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	0.59
CBGA	3.13
CBG	1.62
CBD	----
THCV	----
CBN	----
Δ^9 THC	1.05
CBL	----
CBC	----
THCA	48.41
Total Cannabinoids	54.80 %
Total THC: 43.51 %	

*Residual Solvent by GC-MS	Results (% w/w)
Butane	0.09
Propane	Not Detected

*Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.41
Camphene	0.13
β -Myrcene	2.31
β -Pinene	0.22
3-Carene	0.01
α -Terpinene	0.02
Limonene	2.97
Ocimene	0.16
p-Cymene	----
γ -Terpinene	0.04
Terpinolene	0.15
Linalool	0.46
(-)-Isopulegol	0.07
Geraniol	0.01
β -Caryophyllene	2.77
α -Humulene	1.42
cis-Nerolidol	0.52
trans-Nerolidol	----
Guaiol	0.03
α -Bisabolol	0.04
Total Terpenes: 11.74 %	



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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 05/01/2023 except for the following: *Residual Solvent and Terpenes; results from 05/31/2023 (2390349-04).

CoC received 05/31/2023 lists Sample ID as HE-0002; ID corrected to match COC received 05/01/2023 (HE0002-2) at the request of the client.

CoA issued 05/22/2023; re-issued 06/16/2023 to reflect retest results at the request of the client.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
06/16/2023	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).

