NORTHEAST LABORATORIES INC.

CERTIFICATE OF ANALYSIS

Theraplant LLC
856 Echo Lake Rd
Watertown, CT 06795

Date Received: 2/26/2025
Report Date: 3/4/2025
NELabs Report ID: 2596384-01

Grand Pappy's Chillemon 4808

Biotrack ID: Grand Pappy's Chillemon 4808 2315 6008 3393 0225

Microbiology	Results	Limits	Methods
Total Aerobic Microbial Count (cfu/g)	<100	100,000	AOAC 990.12
Total Yeast & Mold Count (cfu/g)	<100	100,000	AOAC 2014.05
Aspergillus (flavus, fumigatus, terreus, niger)	Not Detected	Not Detected	qPCR
Enteropathogenic *E. coli*	Not Detected	Not Detected	AOAC 2017.01
Listeria Monocytogenes	Not Detected	Not Detected	AOAC 2016.08
Salmonella species	Not Detected	Not Detected	AOAC 2016.01
Shiga Toxin Producing *E. coli*	Not Detected	Not Detected	qPCR
Pass/Fail	Pass		

By HPLC

Cannabinoids	Results (% w/w)*	Dosing (mg/package)
CBDV		
CBDA	<LOQ	<1.0
CBGA	0.39	11.8
CBG	<LOQ	<1.0
CBD		
THCV		
CBN		
Δ^9 THC	0.75	22.6
Δ^8 THC		
CBL		
THCA	27.06	815.5
CBC		
Total Cannabinoids	**28.20**	**849.8**
Total THC % $_{(0.877*THCA)+THC}$	**24.48**	

By GC - MS

Terpenes	Results (% w/w)*
α-Pinene	0.02
β-Myrcene	0.42
β-Pinene	0.04
Limonene	0.33
α-Terpinolene	0.02
Linalool	0.28
β-Caryophyllene	0.48
α-Humulene	0.16
Caryophyllene Oxide	
α-Bisabolol	
Total Terpenes	**1.75**

* % by dry weight

Moisture	Results
Water Content (% w/w)	13.9
Water Activity (Aw)	0.59

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Pesticides	Results	Limits	Methods
Per Sample ≥ 0.5 g	Below Action Limits	Below Action Limits	LC & GC - MS/MS
Pass/Fail	Pass		

Mycotoxins	Results (µg/kg)	Limits (µg/kg)	Methods
Aflatoxins (B1, B2, G1, G2)	Below Action Limits	< 20 each	LC - MS/MS
Ochratoxin-A	Below Action Limits	< 20	
Pass/Fail	Pass		

Heavy Metals	Results	Limits	Methods
As, Cd, Pb, Hg, Cr	Below Action Limits	Below Action Limits	ICP - MS
Pass/Fail	Pass		

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 2/26/2025

DATE	Reviewed by	Released by
3/4/2025	Garrett Johnson, QA/QC	Zachary Cannone, Laboratory Director

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025: 2017.
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).
Not all results and/or analytes reported are obtained for ISO accredited testing methods.
Please refer to our ISO certificate for a full list of testing under our scope of accreditation.

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