NORTHEAST LABORATORIES INC.

CERTIFICATE OF ANALYSIS

Theraplant
856 Echo Lake Rd
Watertown, CT, 06795

Date Received: 6/11/2025
Report Date: 6/17/2025
NELabs Report ID: 2597626-02

Lava CKE MT 41055

Biotrack ID: Lava CKE MT 41055 7345 5251 5826 5372

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	AOAC PTM#071903
Pass/Fail	Pass		

By HPLC

Cannabinoids	Results (% w/w)	Dosing (mg/package)
CBDV		
CBDA		
CBGA		
CBG	2.05	20.5
CBD	<LOQ	<LOQ
THCV	0.80	8.0
CBN	0.91	9.1
Δ^9 THC	89.42	894.2
Δ^8 THC		
CBL		
THCA		
CBC		
Total Cannabinoids	**93.18**	**931.8**
Total THC % $_{(0.877*THCA)+THC}$	**89.42**	

By GC - MS

Terpenes	Results (% w/w)
α-Pinene	0.10
Camphene	0.02
β-Myrcene	0.29
β-Pinene	0.09
δ-3-Carene	
Limonene	1.05
p-Cymene	
α-Terpinolene	0.04
Linalool	0.14
Caryophyllene	0.84
α-Humulene	0.31
α-Bisabolol	
Terpinene (total)	
Ocimene (total)	0.22
Nerolidol (total)	0.04
Total Terpenes	**3.14**

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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		

Residual Solvents	Results	Limits	Methods
Solvent Panel	Below Action Limits	1000 ppm individual 5000 ppm total	GC - MS
Pass/Fail	Pass		

Ingredient Testing	Results	Limits	Methods
Restricted Ingredient Panel	Not Detected	Absent	FTIR
Pass/Fail	Pass		

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 6/11/2025

DATE	Reviewed by	Released by
6/17/2025	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.