NORTHEAST LABORATORIES INC.

CERTIFICATE OF ANALYSIS

Nutmeg New Britain
1 Hartford Sq.
New Britain, CT 06052

Date Received: 7/11/2025
Report Date: 7/17/2025
NELabs Report ID: 2598021-06

25-6-F2H3-CH4WF

Biotrack ID: Chem 4 Whole Flower 3.5g (H) 00313 4510 9868 0041 7152

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	<LOQ	<LOQ
CBGA	0.85	26.2
CBG	<LOQ	<LOQ
CBD		
THCV		
CBN		
Δ^9 THC	0.82	25.3
Δ^8 THC		
CBL		
THCA	22.84	703.5
CBC		
Total Cannabinoids	**24.51**	**755.0**
Total THC % $_{(0.877*THCA)+THC}$	**20.85**	

By GC - MS

Terpenes	Results (% w/w)*
α-Pinene	0.03
Camphene	0.01
β-Myrcene	0.65
β-Pinene	0.04
δ-3-Carene	
Limonene	0.27
p-Cymene	
α-Terpinolene	
Linalool	0.04
Caryophyllene	0.96
α-Humulene	0.32
α-Bisabolol	
Terpinene (total)	
Ocimene (total)	0.02
Nerolidol (total)	0.07
Total Terpenes	**2.41**

* % by dry weight

Moisture	Results
Water Content (% w/w)	12.0
Water Activity (Aw)	0.54

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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 7/11/2025

DATE	Reviewed by	Released by
7/17/2025	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.