NORTHEAST LABORATORIES INC.

CERTIFICATE OF ANALYSIS

Nutmeg New Britain
1 Hartford Square 16s
New Britain, CT 06052

Date Received: 12/24/2024
Report Date: 12/30/2024
NELabs Report ID: 2495819-01

24-6-F2H3-PM

Biotrack ID: Flower Lot 8663 0734 6877 0177

Microbiology	Results	Limits	Methods
Total Aerobic Microbial Count (cfu/g)	<100	100,000	AOAC 990.12
Total Yeast & Mold Count (cfu/g)	550	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)*
CBDV	
CBDA	0.65
CBGA	0.95
CBG	<LOQ
CBD	
THCV	
CBN	
Δ^9 THC	0.76
Δ^8 THC	
CBL	<LOQ
THCA	27.09
CBC	
Total Cannabinoids	**29.45**
Total THC % $_{(0.877*THCA)+THC}$	**24.52**

By GC - MS

Terpenes	Results (% w/w)*
α-Pinene	0.15
β-Myrcene	0.04
β-Pinene	0.12
Limonene	0.76
α-Terpinolene	
Linalool	0.26
β-Caryophyllene	0.30
α-Humulene	0.07
Caryophyllene Oxide	
α-Bisabolol	
Total Terpenes	**1.70**

* % by dry weight

Moisture	Results
Water Content (% w/w)	13.0
Water Activity (Aw)	0.38

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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 12/24/2024

DATE	Reviewed by	Released by
12/30/2024	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.