NORTHEAST LABORATORIES INC.

CERTIFICATE OF ANALYSIS

Connecticut Contract Manufacturing
1244 Old Clinton Road
Westbrook, CT 06498

Date Received: 4/21/2025
Report Date: 4/28/2025
NELabs Report ID: 2597019-01

250417-HDCTN004

Biotrack ID: The Happy Confection- High Dose Sunset Citron 0116 1818 1034 9617

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)	n/a	n/a	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	<LOQ	<LOQ
CBDA	<LOQ	<LOQ
CBGA	<LOQ	<LOQ
CBG	0.022	18.0
CBD	0.668	522.0
THCV	0.010	8.0
CBN	0.285	224.0
Δ^9 THC	0.709	554.0
Δ^8 THC	0.020	16.0
CBL		
THCA		
CBC	0.010	8.0
Total Cannabinoids	**1.724**	**1350.0**
Total THC % (0.877*THCA)+THC	**0.729**	

By GC - MS

Terpenes	Results (% w/w)
α-Pinene	
Camphene	
β-Myrcene	
β-Pinene	
δ-3-Carene	
Limonene	
p-Cymene	
α-Terpinolene	
Linalool	
Caryophyllene	
α-Humulene	
α-Bisabolol	
Terpinene (total)	
Ocimene (total)	
Nerolidol (total)	
Total Terpenes	**Below Detection**

Moisture	Results
Water Content (% w/w)	--
Water Activity (Aw)	0.55

Edible Dosing	Results
Average weight	3.9131
THC (mg)	27.7
CBD (mg)	26.1
CBN (mg)	11.2

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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
Alcohol (Ethanol)	Below Action Limits	5000 ppm	GC - MS
Pass/Fail	Pass		

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 4/21/2025

DATE	Reviewed by	Released by
4/28/2025	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.

ISO/IEC 17025:2017 Accredited
PJLA