NORTHEAST LABORATORIES INC.

CERTIFICATE OF ANALYSIS

Affinity Grow
47 Lower Main St.
Portland, CT 06480

Date Received: 8/11/2026
Report Date: 8/14/2026
NELabs Report ID: 26102621-01

LHDPRINF1g-073026

Biotrack ID: Lemonhead Delight Infused Big Ray (1 x 1g) 3234 4247 4403 6464

Microbiology	Results	Limits	Methods
Total Aerobic Microbial Count (cfu/g)	450	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	0.25	2.3
CBG	0.61	5.5
CBD	-	-
THCV	<LOQ	<LOQ
CBN	0.41	3.7
Δ^9 THC	16.14	145.3
Δ^8 THC	-	-
CBL	-	-
THCA	21.96	197.6
CBC	<LOQ	<LOQ
Total Cannabinoids	**39.37**	**354.4**
Total THC % (0.877*THCA)+THC	**35.40**	

By GC - MS

Terpenes	Results (% w/w)*
α-Pinene	0.07
Camphene	-
β-Myrcene	0.24
β-Pinene	0.06
δ-3-Carene	0.03
Limonene	0.22
p-Cymene	-
α-Terpinolene	0.82
Linalool	0.43
Caryophyllene	0.63
α-Humulene	0.27
α-Bisabolol	-
Terpinene (total)	0.07
Ocimene (total)	0.58
Nerolidol (total)	0.04
Total Terpenes	**3.46**

* % by dry weight

Moisture	Results
Water Content (% w/w)	10.0
Water Activity (Aw)	0.50

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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 8/11/2026

DATE	Reviewed by	Released by
8/14/2026	Selena Anderson, 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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