

Theraplant LLC
856 Echo Lake Rd.
Watertown, CT 06795

Date Received: 5/19/2025
Report Date: 5/23/2025
NELabs Report ID: 2597310-05

Lemonalien MT 41001

Biotrack ID: Lemonalien MT 41001

9784 1172 7349 4680

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
<i>Aspergillus</i> (flavus, fumigatus, terreus, niger)	Not Detected	Not Detected	qPCR
Enteropathogenic <i>E. coli</i>	Not Detected	Not Detected	AOAC 2017.01
<i>Listeria Monocytogenes</i>	Not Detected	Not Detected	AOAC 2016.08
<i>Salmonella</i> species	Not Detected	Not Detected	AOAC 2016.01
Shiga Toxin Producing <i>E. coli</i>	Not Detected	Not Detected	AOAC PTM#071903
Pass/Fail	Pass		

By HPLC

By GC - MS

Cannabinoids	Results (% w/w)	Dosing (mg/package)
CBDV		
CBDA		
CBGA		
CBG	1.78	8.9
CBD	<LOQ	<LOQ
THCV	0.98	4.9
CBN	<LOQ	<LOQ
Δ^9 THC	88.25	441.3
Δ^8 THC		
CBL		
THCA		
CBC		
Total Cannabinoids	91.01	455.1
Total THC % $(0.877 \times \text{THCA}) + \text{THC}$	88.25	

Terpenes	Results (% w/w)
α -Pinene	0.05
Camphene	0.01
β -Myrcene	0.35
β -Pinene	0.06
δ -3-Carene	
Limonene	0.42
p-Cymene	
α -Terpinolene	0.02
Linalool	0.22
Caryophyllene	0.62
α -Humulene	0.21
α -Bisabolol	
Terpinene (total)	
Ocimene (total)	
Nerolidol (total)	0.10
Total Terpenes	2.06



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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 5/19/2025

DATE 5/23/2025	Reviewed by  Garrett Johnson, QA/QC	Released by  Zachary Cannone, Laboratory Director
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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.



30 Cold Spring Rd. Rocky Hill, CT 06067 • www.nelabsct.com • 860-828-9787

PJLA Testing ISO/IEC 17025:2017 Accreditation #: 99258

State of CT: ACTL.0000004

