

Theraplant LLC
856 Echo Lake Rd
Watertown, CT 06795

Date Received: 12/4/2024
Report Date: 12/11/2024
NELabs Report ID: 2495584-01

Black Ch GMO Infused PR 4559

Biotrack ID: Black Ch GMO Infused PR 4559

2024 2368 7166 0175

Microbiology	Results	Limits	Methods
Total Aerobic Microbial Count (cfu/g)	800	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	qPCR
Pass/Fail	Pass		

By HPLC

By GC - MS

Cannabinoids	Results (% w/w)*	Dosing (mg/package)
CBDV	<LOQ	<1.0
CBDA	<LOQ	<1.0
CBGA	0.46	4.2
CBG	0.70	6.5
CBD	0.38	3.5
THCV	<LOQ	<1.0
CBN	0.41	3.8
Δ^9 THC	19.24	177.0
Δ^8 THC		
CBL		
THCA	22.41	206.2
CBC		
Total Cannabinoids	43.60	401.1
Total THC % (0.877*THCA)+THC	38.90	

Terpenes	Results (% w/w)*
α -Pinene	0.02
β -Myrcene	0.17
β -Pinene	0.02
Limonene	0.22
α -Terpinolene	0.08
Linalool	0.04
β -Caryophyllene	0.33
α -Humulene	0.12
Caryophyllene Oxide	
α -Bisabolol	
Total Terpenes	1.00

* % by dry weight

Moisture

Results

Water Content (% w/w)	8.0
Water Activity (Aw)	0.33



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

State of CT: ACTL.0000004



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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		

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 12/4/2024

DATE	Reviewed by	Released by
12/11/2024	 Garrett Johnson, QA/QC	 Zackary 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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