

Theraplant LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 12/26/2024
Report Date: 1/2/2025
NELabs Report ID: 2495828-02

Black Garlic Infused Shorties 4555

Biotrack ID: Black Garlic Infused Shorties 4555

5952 1307 0085 2786

Microbiology	Results	Limits	Methods
Total Aerobic Microbial Count (cfu/g)	550	100,000	AOAC 990.12
Total Yeast & Mold Count (cfu/g)	700	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		
CBDA	<LOQ	<1.0
CBGA	0.76	11.3
CBG	0.52	7.7
CBD	<LOQ	<1.0
THCV	<LOQ	<1.0
CBN	0.43	6.4
Δ^9 THC	16.47	245.1
Δ^8 THC		
CBL		
THCA	22.12	329.1
CBC		
Total Cannabinoids	40.30	599.7
Total THC % (0.877*THCA)+THC	35.87	

Terpenes	Results (% w/w)*
α -Pinene	0.01
β -Myrcene	0.14
β -Pinene	0.02
Limonene	0.23
α -Terpinolene	
Linalool	0.04
β -Caryophyllene	0.40
α -Humulene	0.14
Caryophyllene Oxide	
α -Bisabolol	
Total Terpenes	0.98

* % by dry weight

Moisture

Results

Water Content (% w/w)	7.0
Water Activity (Aw)	0.32



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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		

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 12/26/2024

DATE	Reviewed by	Released by
1/2/2025		
	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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