

Theraplant LLC
856 Echo Lake Rd.
Watertown, CT 06795

Date Received: 6/4/2025
Report Date: 6/10/2025
NELabs Report ID: 2597532-03

Peylato Cough Infused Shorties 41032

Biotrack ID: Peylato Cough Infused Shorties 41032

2378 4270 6403 4333

Microbiology	Results	Limits	Methods
Total Aerobic Microbial Count (cfu/g)	200	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	<LOQ	<LOQ
CBGA	0.52	7.6
CBG	0.57	8.4
CBD	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
Δ^9 THC	20.54	296.8
Δ^8 THC		
CBL		
THCA	15.01	216.8
CBC		
Total Cannabinoids	36.64	529.6
Total THC % $(0.877 \times \text{THCA}) + \text{THC}$	33.70	

Terpenes	Results (% w/w)*
α -Pinene	0.02
Camphene	0.01
β -Myrcene	0.08
β -Pinene	0.02
δ -3-Carene	
Limonene	0.16
p-Cymene	
α -Terpinolene	
Linalool	0.09
Caryophyllene	0.39
α -Humulene	0.20
α -Bisabolol	
Terpinene (total)	
Ocimene (total)	0.05
Nerolidol (total)	0.05
Total Terpenes	1.07

* % by dry weight

Moisture

Results

Water Content (% w/w)	9.7
Water Activity (Aw)	0.52



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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 6/4/2025

DATE	Reviewed by	Released by
6/10/2025	 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 ISO/ILAC-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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