

**Test Report No. 7252**

CLIENT	<b>Unibag</b>
TO	Eliana Moreno
SAMPLING RECORD NO.	2159
DATE OF RECEIPT	19-05-2020 15:45
ANALYSIS START DATE AND TIME	20-05-2020 08:30
REPORT ISSUE DATE	25-05-2020

**EVALUATION OF ANTIBACTERIAL EFFECTIVENESS**

Micro-organism Inoculated	Tela Unibag (50 washing cycles)		
	Initial Concentration	Concentration 24 hours	
Sample/ Time	Mesophilic aerobic count	Mesophilic aerobic count	% Effectiveness
<i>Escherichia coli</i> ATCC 8739	2,0x10 <sup>6</sup> ufc/mL	< 10 ufc/mL	100%
<i>Staphylococcus aureus</i> ATCC 25923	1,1x10 <sup>6</sup> ufc/mL	4,8x10 <sup>2</sup> ufc/mL	99,95636%

Observations:

% Effectiveness=  $[(Ni-Np) / Ni] \times 100$  = percentage reduction of microorganisms

Ni= Initial concentration count

Np= Count obtained in product

Results covered by Microlab SpA accredited Management System NCh-ISO/IEC 17025 LE 1392 and LE 1469 certificates

Washing performed by Microlab SpA using a method based on ISO 6330 - Textiles — Domestic washing and drying procedures for textile testing

Strains Used for Test

*Escherichia coli* ATCC 8739

*Staphylococcus aureus* ATCC 25923

100µl of strain is inoculated

Microlab SpA.

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Code: REG-025 Developed by: Technical Director Reviewed and approved by: Quality Control Director. Last revision: 11/2018 Version: 1

Technical References of Analysis

Method based on Método basado en ISO 20743 – Textiles – Determination of antibacterial activity of antibacterial finished products

Washes: Method based on ISO 6330 - Textiles — Domestic washing and drying procedures for textile testing

Sincerely,



Nuria Soler Vila  
Microbiologist  
Technical Director



Montserrat Ruiz Fernández  
Microbiologist  
Laboratory Head



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Results valid only for sample analyzed.

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