

## Microbiology Testing Facility at WRA

Sr. No.	Test Parameter	Test Method	Sample Requirement
1.	Antibacterial Activity of Fabrics, Assessment of Textile Materials – Parallel Streak Method	AATCC:147	0.25mtrs
2.	Assessment of Antibacterial Finishes on Textile Materials	AATCC:100	0.25mtrs
3.	Determination of antibacterial activity of antibacterial finished products including nonwovens	ISO-20743	0.25mtrs
4.	Antimicrobial Activity Assessment of Textiles against Fungi	AATCC 30 Part III, AATCC 174, ASTM D 4576, BS EN 14119	0.25mtrs
5.	Evaluation of Antimicrobial activity of Textile	a) By ASTM: E 2149 Method [with one organism] b) By ASTM: E 2149 Method [for every additional organism]	0.5 mtrs
6.	Assessment of Antibacterial Finishes on Textile Materials	JIS L1902-2015 For one sample against two organism. Treated & Untreated Sample Required	0.25mtrs
7.	Determination of Antibacterial Activity- Agar Diffusion Plate Method	BS EN ISO 20645-2004	0.25mtrs
8.	<b>Moth Resistance</b>	<b>ISO 3998-1977-07-01 (Carpet Testing)</b>	<b>0.25mtrs</b>
9.	<b>Moth proof test Chemical assay</b>	<b>IWTO-27 (Carpet Testing)</b>	<b>0.25 mtrs</b>
10.	Laminates- Microbial testing	ISO 22196-2011	15cm×15cm
11.	Bacterial and Fungal Bioburden- Sanitary Nepkin Test facility	IS 5405: 2019 , Clause 7.3.1	5 nos. Sanitary Nepkins
12.	Tests for Common Skin Pathogen- staphylococcus Aureus	IS 5405: 2019 , Clause 7.3.2	5 Nos. Sanitary Nepkins
13.	Antimicrobial testing	JIS Z 2801	15cm×15cm
14.	Mildew Resistance	AATCC 30 Part IV	0.25mtres
15.	Antimicrobial testing	AATCC 30, Part II	0.25mtres
16.	Resistance of synthetic polymeric materials to fungi- for polymeric items	ASTM G21-09	15cm×15cm Or pieces
17.	Antibacterial Activity, Assessment on polymeric or hydrophobic materials	ASTM E2180	15cm×15cm Or pieces
18.	Laminates - Antibacterial Test	FZ/T 73023-2006	15 cm X 15 cm