

# FEDERATION FOR DEVELOPMENT OF ACCREDITATION SERVICES

118-119, First Floor, Sushant Tower, Sector – 56, Gurugram – 122011, Haryana, India.



## CERTIFICATE OF ACCREDITATION (AS PER ISO/IEC 17025:2017)

This is to attest that

### **ANNRAY TESTING AND CERTIFICATION INDIA PVT LTD.**

4/44, T.S.R. Layout, 4<sup>th</sup> Street, Om Sakthi Kovil Main Road,  
Tirupur (Tamil Nadu) -641607

### **Testing Laboratory**

has demonstrated compliance with ISO/IEC Standard 17025:2017, General requirements for the competence of testing and calibration laboratories and supplementary criteria for testing laboratories.

**Certificate Number:** TL-120

**Issue Date:** 08.03.2024

**Valid Until:** 07.03.2026

**\*Amended On:** 07.08.2024

The certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard and the relevant requirements of FDAS. (for scope of accreditation visit website [www.fdasindia.org](http://www.fdasindia.org)).

**\*This amended certificate is due to a change in the location of the Lab.**

  
DEVI SARAN TEWARI  
Director

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## SCOPE OF ACCREDITATION

(Annexure to Certificate of TL - 120)

**Laboratory Name:** M/s Annray Testing and Certification India Pvt Ltd.  
4/44, T.S.R. Layout, 4<sup>th</sup> Street, Om Sakthi Kovil Main Road,  
Tirupur (Tamil Nadu) -641607

**Validity:** 08.03.2024 to 07.03.2026

**Amended on** 07.08.2024

S.No.	Material/Products	Component /Parameter/ Characteristic Tested	Test Method	Equipment Used
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### Chemical Testing (Laboratory-Based)

Group : Textile				
1	Textiles (Fibre, Yarn, Fabric, Made-ups, garments)	Absorbency of Textiles	AATCC TM 79-2018	-----
		Colorfastness to Domestic and Commercial Laundering	ISO 105- C06:2010 AATCC TM 61-2020	
		Colorfastness to Drycleaning Using Perchloroethylene Solvent	ISO 105-D01: 2010	
		Colorfastness to Perspiration	GB/T 3922- 2013 ISO 105- E04:2013 AATCC TM 15-2021	
		Colorfastness to Phenolic Yellowing	ISO 105-X18: 2007	
		Colorfastness to Rubbing	GB/T 3920- 2008 ISO 105- X12:2016 AATCC TM 8-2016	
		Colorfastness to Saliva	GB/T 18886-2019 DIN V 53160-1 & 2- 2010	
		Colorfastness to Sea Water	ISO 105- E02: 2013	
		Colorfastness to Water	ISO 105- E01:2013 GB/T 5713-2013 AATCC TM 107-2022	
		Dimensional Stability to Washing	ISO 3759: 2011 ISO 5077: 2008 ISO 6330: 2021	

*Jikendra Parmar*

Dealing Officer

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### Chemical Testing (Laboratory-Based)

		Dimensional Changes after Home Laundering	AATCC TM 135-2018 AATCC TM 150-2018	----
		Fiber Content Analysis	AATCC 20-2021 AATCC 20A-2021	
		pH in Textile	BS EN ISO 3071: 2020 AATCC TM 81-2022	
		Spirality After Laundering - Woven and Knitted Fabrics	ISO 16322- 2:2021 AATCC TM 179-2023	
		Spirality After Laundering - Woven and Knitted Garments	ISO 16322- 3:2021 AATCC TM 179-2023	
		Determination of Free and Hydrolyzed Formaldehyde	ISO 14184-Part 1: 2011	

*Jitendra Parmar*

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S.No.	Material/Products	Component /Parameter/ Characteristic Tested	Test Method	Equipment Used
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### Mechanical Testing (Laboratory based)

<b>Group : Textile</b>				
1	Textiles (Fibre, Yarn, Fabric, Made-ups, garments)	Weight of Fabric	ASTM D3776/D3776M-2020 ISO 3801: 1997 BS EN 12127: 1997	-----
		Yarn Size	ASTM D1059-2017	
		Wale and Course Count of Weft Knitted Fabrics	ASTM D8007-2019	
		End (Warp) and Pick(Filling) Count of Woven Fabrics	ASTM D3775-2017	
		Propensity to Surface Pilling, Fuzzing or Matting – Piling Box Method	ISO 12945-1: 2020	
		Fabric Propensity to Surface Pilling, Fuzzing or Matting – Modified Martindale Method	ISO 12945-2: 2020	
		Abrasion Resistance of Fabrics by the Martindale Method – Determination of Specimen Breakdown	ISO 12947-2: 2016	
		Abrasion Resistance of Fabrics by the Martindale Method – Determination of Specimen Mass Loss	ISO 12947-3: 1998	
		Abrasion Resistance of Fabrics by the Martindale Method Appearance Change	ISO 12947-4: 1998	

*Jitendra Parmar*

Dealing Officer