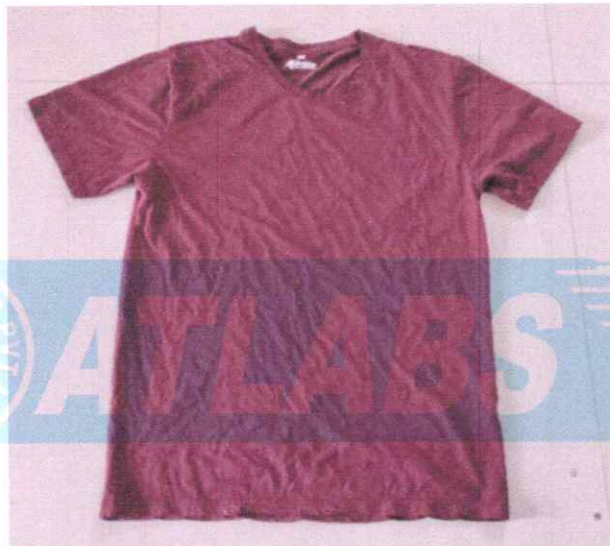


TEST REPORT

RUHISEN

REPORT NO: ATL-11098

DATE: 20/06/2026



Per pro ATLABS
AUTHORIZED SIGNATORY


R. Jeyannath
EXECUTIVE

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Grey Scale Rating : **5** Excellent **4** Good **3** Fair **2** Poor **1** Very Poor

TEST REPORT

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 REF NO: ATL-11098

 APPLICANT : M/S **RUHISEN**
 TIRUPUR
 SAMPLE DESCRIPTION : GARMENT TOP IN KNITTED FABRIC
 COLOUR : MAROON

 REF NO: AT-11098
 DATE : 20-06-2026

TESTS CONDUCTED UPON REQUEST OF THE APPLICANT

1. DIMENSIONAL STABILITY TO WASHING

 SUBMITTED SAMPLE WAS CONDITIONED AT 21°C ±2°/65% RH ±5%
 AND WASHED IN FRONT LOADING TYPE OF WASHING MACHINE
 (IFB MAKE) AT 30°C, WITH ECE REFERENCE DETERGENT (TYPE A)
 SODIUM PERBORATE AND TAED, NORMAL CYCLE, FOLLOWED
 BY TUMBLE DRY. TOTAL LOAD: 4LB

AFTER SINGLE WASH			
	INITIAL (CMS)	FINAL (CMS)	DIFFERENCE (%)
BODY LENGTH (H.P.S)	74.5	71.6	(-) 3.9
CENTER BACK LENGTH	70.8	69.5	(-) 1.8
SLEEVE	22.0	21.2	(-) 3.6
CHEST (BODY WIDTH)	53.0	51.8	(-) 2.3
HEM	54.0	52.2	(-) 3.3
H.P.S – HIGH POINT SHOULDER (-) DENOTES SHRINKAGE & (+) EXTENSION			

2. SPIRALITY

 AFTER SINGLE WASH (%) : **6.4**
3. COLOUR FASTNESS TO WASHING

 (ISO 105 CO6 AIM) MODIFIED AT 30°C
 (TEMP-30°C, LIQ VOL:150ml, TIME:45 MIN MECHANICAL WASH ,
 STEEL BALLS:10,ECE DETERGENT:4 gpl)

COLOUR CHANGE	:	4
STAINING ON		
ACETATE	:	4-5
COTTON	:	4
NYLON	:	4-5
POLYESTER	:	4-5
ACRYLIC	:	4-5
WOOL	:	4-5

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TEST REPORT

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REF NO: AT-11098

4. COLOUR FASTNESS TO RUBBING
(ISO 105 x 12)

STAINING ON COTTON

DRY : 4-5
WET : 3-4

5. WEIGHT PER SQUARE METRE (GRAMS) : 161.0
ISO 3801

6. RESISTANCE TO PILLING
(ISO 12945-2:2000,E)

(BY MARTINDALE METHOD)

PILLING RATING

AFTER 125 RUBS : 4-5
AFTER 500 RUBS : 4
AFTER 1000 RUBS : 4
AFTER 2000 RUBS : 3-4

7. pH VALUE
(ISO 3071)

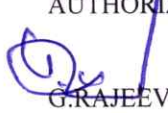
pH OF AQUEOUS EXTRACT : 6.1
pH OF THE D.M WATER USED : 6.2

8. FIBRE COMPOSITION FOR BASE FABRIC

COTTON (%) : 100.0

9. FREE & HYDROLYSED FORMALDEHYDE : BELOW 20 ppm
(ISO 14184-1:1998) (AVG 2.1 ppm)

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G. RAJEEV
EXECUTIVE

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