



TEST REPORT

5th January 2023

APPLICATION

Test applicant : AVILAS CORPORATION
 Test sample : Socks
 Test item : Deodorant Performance Test
 Date of application : 12th December 2022

TEST METHOD

Reduction rate of each test sample was tested mainly in accordance with Deodorant Performance Test Method by JTETC. The summary of deodorant performance test method has been shown below.

Test method : Deodorant Performance Test Method by JTETC
 (Instrumental Analysis Implementation Manual)
 1. Detection Tube Method
 2. Gas Chromatography

Gasses used : Ammonia (100 ppm), Acetic acid (30 ppm)
 (initial concentration) - by Detector tube method
 Isovaleric acid (approx.38 ppm)
 - by Gas chromatography method

Measurement time : 20minutes, 2 hours
 Specimen size : 100 cm² for Detector tube, 50 cm² for Gas chromatography
 Pre-treatment : Washing: Standard Washing Method described in “ Washing Methods for SEK Mark Textile Products” (using JAFET standard detergent)

TEST RESULT

1. Detector tube method

Sample	Sample treatment	Odour reduction rate (%)		
		Ammonia		Acetic acid
		20minutes	2hours	2hours
BLACK	original	98	99	98
	after washing 10 times	98	99	98

2. Gas chromatography method

Sample	Sample treatment	Odour reduction rate (%)
		Isovaleric acid
		2hours
BLACK	original	99
	after washing 10 times	99

* Test results in this test report are only for samples received from the applicant and not for the whole lot.

* Unauthorized use of whole or part of this test report is strictly prohibited.