
**Textiles — Quantitative analysis
of cashmere, wool, other specialty
animal fibers and their blends —**

Part 1:
Light microscopy method

*Textiles — Analyse quantitative du cachemire, de la laine, d'autres
fibres animales spéciales et leurs mélanges —*

Partie 1: Méthode de microscopie optique



COPYRIGHT PROTECTED DOCUMENT

© ISO 2016, Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

Contents

	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	2
5 Apparatus, materials, and reagents	2
5.1 Apparatus.....	2
5.2 Materials.....	2
5.3 Reagents.....	3
6 Drawing of laboratory sample and conditioning	3
7 Preparation of the test specimens	3
7.1 Number of test specimens.....	3
7.2 Preparation of the test specimens.....	3
7.2.1 Loose fibre.....	3
7.2.2 Sliver.....	3
7.2.3 Yarn.....	3
7.2.4 Woven fabrics.....	4
7.2.5 Knitted fabrics.....	4
7.3 Decolouring of the laboratory sample.....	4
8 Test procedure	4
8.1 Settings of magnification with micrometer scale.....	4
8.2 Fibre identification and fibre diameter measurement.....	4
9 Calculation of test result	6
Annex A (informative) Drawing of the lot sample and the laboratory sample	8
Annex B (informative) Decolouration	9
Annex C (informative) Surface morphology of common animal fibres	10
Annex D (normative) Density of common animal fibres	40
Bibliography	41