

This is a preview of "ISO 8036:2015". [Click here to purchase the full version from the ANSI store.](#)

Second edition  
2015-06-01

---

---

## Microscopes — Immersion liquids for light microscopy

*Microscopes — Liquides d'immersion pour microscopie optique*



Reference number  
ISO 8036:2015(E)

© ISO 2015

This is a preview of "ISO 8036:2015". Click here to purchase the full version from the ANSI store.



**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2015, 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

This is a preview of "ISO 8036:2015". [Click here to purchase the full version from the ANSI store.](#)

## Contents

	Page
<b>Foreword</b> .....	<b>iv</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Classification</b> .....	<b>1</b>
<b>4 Characteristics of immersion liquids</b> .....	<b>1</b>
4.1 Optical properties.....	1
4.2 Transmittance.....	2
4.3 Autofluorescence.....	2
4.4 Viscosity.....	2
4.5 Density.....	2
<b>5 Minimum requirements</b> .....	<b>3</b>
<b>6 Ingredients</b> .....	<b>3</b>
<b>7 Designation of immersion liquids</b> .....	<b>3</b>
<b>8 Labelling of containers</b> .....	<b>3</b>
<b>9 Technical data sheet</b> .....	<b>4</b>

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT), see the following URL: [Foreword — Supplementary information](#).

The committee responsible for this document is ISO/TC 172, *Optics and photonics*, SC 5, *Microscopes and endoscopes*.

This second edition cancels and replaces the first edition (ISO 8036:2006), where in [Clause 6](#), the outdated reference to the EU Directive 91/155/EEC and its Amendments 93/112/EC and 01/58/EC were removed.