

INTERNATIONAL  
STANDARD

ISO  
13741-1

Second edition  
2023-01

---

---

**Plastics/rubber — Determination of residual monomers and other organic components by capillary-column gas chromatography —**

Part 1:  
**Direct liquid injection method**



Reference number  
ISO 13741-1:2023(E)

© ISO 2023



**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2023

All rights reserved. Unless otherwise specified, or required in the context of its implementation, 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  
CP 401 • Ch. de Blandonnet 8  
CH-1214 Vernier, Geneva  
Phone: +41 22 749 01 11  
Email: [copyright@iso.org](mailto:copyright@iso.org)  
Website: [www.iso.org](http://www.iso.org)

Published in Switzerland

# Contents

	Page
Foreword.....	iv
Introduction.....	v
<b>1</b> <b>Scope</b> .....	<b>1</b>
<b>2</b> <b>Normative reference</b> .....	<b>1</b>
<b>3</b> <b>Terms and definitions</b> .....	<b>1</b>
<b>4</b> <b>Principle</b> .....	<b>1</b>
<b>5</b> <b>Reagents</b> .....	<b>2</b>
<b>6</b> <b>Apparatus</b> .....	<b>2</b>
<b>7</b> <b>Preparation of apparatus</b> .....	<b>2</b>
<b>8</b> <b>Calibration</b> .....	<b>3</b>
<b>9</b> <b>Procedure</b> .....	<b>5</b>
<b>10</b> <b>Calculation</b> .....	<b>5</b>
<b>11</b> <b>Precision</b> .....	<b>7</b>
<b>12</b> <b>Test report</b> .....	<b>8</b>
<b>Bibliography</b> .....	<b>9</b>