

INTERNATIONAL
STANDARD

ISO
14389

First edition
2014-05-01

Textiles — Determination of the phthalate content — Tetrahydrofuran method

*Textiles — Détermination de la teneur en phtalates — Méthode au
tétrahydrofurane*



Reference number
ISO 14389:2014(E)

© ISO 2014



COPYRIGHT PROTECTED DOCUMENT

© ISO 2014

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
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Terms and definitions	1
3 Principle	1
4 Reagents	1
5 Apparatus	2
6 Procedure	3
6.1 Preparation of standard solutions	3
6.2 Ultrasonic extraction and determination of phthalates	4
7 Calculation of the results	5
7.1 Calculation based on the corrected mass (by default)	5
7.2 Calculation based on the total mass (when relevant)	6
8 Test report	7
Annex A (normative) Calculations	8
Annex B (informative) Example of test parameters by GC-MS	10
Annex C (informative) Determination of PVC mass fraction by chemical method	12
Annex D (informative) Statistical data	15
Bibliography	22