PD ISO/TR 18818:2017

BSI Standards Publication

Cosmetics — Analytical method — Detection and quantitative determination of Diethanolamine (DEA) by GC/MS

Documents
Document Sharing Hub

Full document details: PD ISO/TR 18818:2017

National foreword

This Published Document is the UK implementation of ISO/TR 18818:2017.

The UK participation in its preparation was entrusted to Technical Committee CW/217, Cosmetics.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2017
Published by BSI Standards Limited 2017

ISBN 978 0 580 83028 0

ICS 71.100.70

Compliance with a British Standard cannot confer immunity from legal obligations.

This Published Document was published under the authority of the Standards Policy and Strategy Committee on 30 September 2017.

Amendments/corrigenda issued since publication

Date	Text affected

Documents
Document Sharing Hub

Full document details: PD ISO/TR 18818:2017

TECHNICAL REPORT

ISO/TR 18818

First edition
2017-06

Cosmetics — Analytical method — Detection and quantitative determination of Diethanolamine (DEA) by GC/MS

Cosmétique — Méthode analytique — Détection et dosage quantitatif de la diéthanolamine (DEA) par CG/SM

Reference number
ISO/TR 18818:2017(E)

Documents
Document Sharing Hub

© ISO 2017

Full document details: PD ISO/TR 18818:2017

COPYRIGHT PROTECTED DOCUMENT

© ISO 2017, 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

© ISO 2017 – All rights reserved

Documents
Document Sharing Hub

Full document details: PD ISO/TR 18818:2017

Contents

Page

Foreword ... **iv**
Introduction ... **v**
1 Scope ... **1**
2 Normative references ... **1**
3 Terms and definitions ... **1**
4 Principle ... **1**
5 Procedure ... **2**
5.1 Preparation of calibration solutions ... 2
5.1.1 Stock solution ... 2
5.1.2 Standard solution ... 2
5.1.3 Calibration solutions ... 2
5.2 Sample preparation ... 2
5.3 Analysis ... 2
5.3.1 General ... 2
5.3.2 Example of instrumental conditions ... 3
5.3.3 Recovery ... 3
5.3.4 Calibration curve ... 3
5.4 Determination ... 4
6 Limit of quantification ... **4**
Annex A (informative) **Examples of typical GC-MS chromatogram of standard DEA** ... **5**
Bibliography ... **7**

© ISO 2017 – All rights reserved

Documents
Document Sharing Hub
Full document details: PD ISO/TR 18818:2017