

SLOVENSKI STANDARD SIST EN ISO 9698:2015

01-oktober-2015

Kakovost vode - Določevanje koncentracije aktivnosti tritija - Metoda štetja s tekočinskim scintilatorjem (ISO 9698:2010)

Water quality - Determination of tritium activity concentration - Liquid scintillation counting method (ISO 9698:2010)

Wasserbeschaffenheit - Bestimmung der Aktivitätskonzentration von Tritium - Verfahren mit dem Flüssigszintillationszähler (ISO 9698:2010) PREVIEW

Qualité de l'eau - Détermination de l'activité volumique du tritium - Méthode par comptage des scintillations en milieu liquide (ISO 9698:2010)

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Ta slovenski standard je istoveten z: EN ISO 9698-2015

ICS:

13.060.60 Preiskava fizikalnih lastnosti Examination of physical

vode properties of water

SIST EN ISO 9698:2015 en,de

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EUROPEAN STANDARD

EN ISO 9698

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2015

ICS 13.080; 13.060.60

English Version

Water quality - Determination of tritium activity concentration - Liquid scintillation counting method (ISO 9698:2010)

Qualité de l'eau - Détermination de l'activité volumique du tritium - Méthode par comptage des scintillations en milieu liquide (ISO 9698:2010)

Wasserbeschaffenheit - Bestimmung der Aktivitätskonzentration von Tritium - Verfahren mit dem Flüssigszintillationszähler (ISO 9698:2010)

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EUROPEAN COMMITTEE FOR STANDARDIZATION COMITÉ EUROPÉEN DE NORMALISATION EUROPÄISCHES KOMITEE FÜR NORMUNG

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EN ISO 9698:2015 (E)

Contents	Page
European foreword	3

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EN ISO 9698:2015 (E)

European foreword

The text of ISO 9698:2010 has been prepared by Technical Committee ISO/TC 147 "Water quality" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 9698:2015 by Technical Committee CEN/TC 230 "Water analysis" the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2016, and conflicting national standards shall be withdrawn at the latest by January 2016.

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INTERNATIONAL STANDARD

ISO 9698

Second edition 2010-12-15

Water quality — Determination of tritium activity concentration — Liquid scintillation counting method

Qualité de l'eau — Détermination de l'activité volumique du tritium — Méthode par comptage des scintillations en milieu liquide

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Contents Page Forewordiv Introduction......v 1 Scope......1 2 Symbols, definitions and units2 3 4 Principle3 5 Reagents and equipment......3 6 Sampling and samples......5 7 Procedure 6 8 Expression of results8 9 Annex A (informative) Numerical applications12

ISO 9698:2010(E)

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.

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ISO 9698 was prepared by Technical Committee ISO/TC 147, Water quality.

This second edition cancels and replaces the first edition (ISO 9698:1989), which has been technically revised.

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ISO 9698:2010(E)

Introduction

The tritium present in the environment is of natural origin and man made. As a result of atmospheric nuclear weapon testing, emissions from nuclear engineering installations, and the application and processing of isotopes, relatively large amounts of tritium have been released to the environment. Despite the low dose factor associated to tritium, monitoring of tritium activity concentrations in the environment is necessary in order to follow its circulation in the hydrosphere and biosphere.

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