



SLOVENSKI STANDARD
SIST EN ISO 19448:2018
01-april-2018

Zobozdravstvo - Analiza koncentracije fluorida v vodnih raztopinah z uporabo fluorid-ionske selektivne elektrode (ISO 19448:2018)

Dentistry - Analysis of Fluoride Concentration in Aqueous Solutions by use of Fluoride-Ion Selective Electrode (ISO 19448:2018)

Zahnheilkunde - Analyse der Fluoridkonzentration in wässrigen Lösungen mit einer fluoridionenselektiven Elektrode (ISO 19448:2018)

Médecine bucco-dentaire - Analyse de la concentration en fluorure dans les solutions aqueuses à l'aide d'une électrode sélective d'ions fluorures (ISO 19448:2018)

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ICS:

71.100.70	Kozmetika. Toaletni pripomočki	Cosmetics. Toiletries
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EUROPEAN STANDARD

EN ISO 19448

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 2018

ICS 71.100.70

English Version

Dentistry - Analysis of Fluoride Concentration in Aqueous Solutions by use of Fluoride-Ion Selective Electrode (ISO 19448:2018)

Médecine bucco-dentaire - Analyse de la concentration en fluorure dans les solutions aqueuses à l'aide d'une électrode sélective d'ions fluorures (ISO 19448:2018)

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This European Standard was approved by CEN on 23 December 2017.

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European Foreword

This document (EN ISO 19448:2018) has been prepared by Technical Committee ISO/TC 106 "Dentistry" in collaboration with Technical Committee CEN/TC 55 "Dentistry" 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of an identical text or by endorsement, at the latest by July 2018, and conflicting national standards shall be withdrawn at the latest by July 2018.

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**Dentistry — Analysis of fluoride
concentration in aqueous solutions by
use of fluoride ion-selective electrode**

*Médecine bucco-dentaire — Analyse de la concentration en fluorure
dans les solutions aqueuses en utilisant une électrode sélective des
ions fluorures*

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CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
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ISO 19448:2018(E)**Foreword**

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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).

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This document was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 7, *Oral care products*.

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Introduction

Fluoride is used in dentistry primarily for caries prevention. Fluoride is the active ingredient for caries prevention in many dental products such as dentifrices, gels, oral rinses, and fluoride releasing varnishes. The fluoride concentration in these products is an integral part of other standards where the product is intended to be analysed for fluoride content. This document provides methods based on the use of fluoride ion-selective electrode technology for the analysis of the total fluoride content in aqueous samples. The methods describe uses for fluoride ion-selective electrode technology and anticipate that the sample-specific preparations such as digestion, distillation, etc. have been described in the standards specific to product types.

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