ISO/TS 15923-2:2017-10 (E)

Water quality - Determination of selected parameters by discrete analysis systems - Part 2: Chromium(VI), fluoride, total alkalinity, total hardness, calcium, magnesium, iron, iron(II), manganese and aluminium with photometric detection

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Principle 2

5 Interferences 2

6 Reagents 2

7 Apparatus 2

8 Sampling and sample preparation 3

9 Calibration 3
9.1 Calibration function 3
9.2 Calibration validity check 4

10 Procedure 4

11 Calculation 4

12 Expression of results 4

13 Test report 4

Annex A (normative) Correction for inherent colour 6

Annex B (normative) Chromium(VI) 7

Annex C (normative) Fluoride 9

Annex D (normative) Total alkalinity 12

Annex E (normative) Total hardness 14

Annex F (normative) Calcium 17

Annex G (normative) Magnesium 19

Annex H (normative) Iron(II) and iron (total) 21

Annex I (normative) Manganese 24

Annex J (normative) Aluminium 28

Bibliography 31