ISO/TR 18105:2014-05 (E)

Soil quality - Detection of water soluble chromium(VI) using a ready-to-use test-kit method

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 References 1

3 Termsanddefinitions 1

4 Principle 1

5 Reagents 2

6 Interferences 2

7 Apparatus 2

8 Procedure 2
8.1 Calibration 2
8.2 Sample detection 2
8.3 Measurement 2

9 Quality assurance (QA) and quality control (QC) 3

10 Test report 3

Annex A (informative) Extraction of Cr(VI) from soil CRMs 4

Annex B (informative) Comparison of Cr(VI) results obtained with commercially available test-kits 7

Annex C (informative) Simulation of mapping distributions of Cr(VI) contaminating potential land 8

Bibliography 14