ISO 14362-3:2017-02 (E)

Textiles - Methods for determination of certain aromatic amines derived from azo co lorants - Part 3: Detection of the use of certain azo colorants, which may release 4-aminoazobenzene

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Termsanddefinition 1

4 General 2

5 Principle 2

6 Safety precautions 2

7 Reagents 2

8 Apparatus 3

9 Procedure 4
9.1 General 4
9.2 Preparation of test specimens 4
9.3 Colorant extraction for disperse dyes -- Preparation with extraction 5
9.4 Textiles dyed with dyes other than disperse dyes -- Preparation without extraction 5
9.5 Reductive cleavage 5
9.6 Separation and concentration of 4-aminoazobenzene 5
9.7 Calibration solution 6
9.7.1 Calibration solution for sample preparation without extraction 6
9.7.2 Calibration solution for sample preparation with extraction 6
9.8 Check of the analytical system 6
9.8.1 Sample preparation without extraction 6
9.8.2 Sample preparation with extraction 6
9.9 Chromatographic analyses 6

10 Evaluation 7
10.1 Calculation 7
10.2 Reliability of the method 7

11 Test report 7

Annex A (informative) Chromatographic analyses 8

Annex B (informative) Calculation 14

Annex C (informative) Reliability of the method 15

Annex D (informative) Assessment guide -- Interpretation of analytical results 16