

ISO 14362-3:2017-02 (E)

Textiles - Methods for determination of certain aromatic amines derived from azo colorants - 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 | Terms and definition | 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 |