ISO 17299-5:2014-04 (E)

Textiles - Determination of deodorant property - Part 5: Metal-oxide semiconductor sensor method

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Principle 2

5 Reagents 2

6 Apparatus and materials 3

7 Preparation of the odour test gas 3
7.1 Master gas 3
7.2 Preparation of the test quasi unpleasant odours 4

8 Sensor response check 5

9 Preparation of calibration curve 5
9.1 Initial concentration 5
9.2 Odour unit concentration for quasi unpleasant odours 5
9.3 Creation of calibration curve for quasi unpleasant odours 6

10 Deodorant test 7
10.1 Preparation of test specimen 7
10.2 Conditioning of the specimen 7
10.3 Test procedure 7

11 Calculation of the odour unit concentration 8

12 Calculation of reduction rate 8

13 Test report 9

Annex A (informative) Example of the test 10

Annex B (informative)Specificationsoftheodourtestinstrument 14

Annex C (informative) Practical testing results 17

Bibliography 26