DIN EN ISO 18218-2:2015-11 (E)

Leather - Determination of ethoxylated alkylphenols - Part 2: Indirect method (ISO 18218-2:2015)

Contents

Page

European foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Principle 5

4 Apparatus and materials 6

5 Chemicals 6

6 Sampling and sample preparation 7
6.1 Preparation of leather samples 7
6.2 Preparation of leather process auxiliary samples 7
6.3 Blank determination 8
6.4 Determination of OP and NP 8
6.5 Determination of OPEO and NPEO 8
6.6 Chromatographic analysis 9
6.7 Evaluation 9

7 Calibration 9
7.1 Calibration for OP and NP 9
7.2 Calibration for OPEO and NPEO 9

8 Calculation 10
8.1 Calculation of OP and NP 10
8.2 Calculation of OPEO and NPEO 10

9 Test report 11

Annex A (informative) Preparation of aluminium triiodide 12

Annex B (informative) Example of HPLC chromatograms 13

Annex C (informative) Example of GC-MS chromatograms 15

Bibliography 18