

DIN EN ISO 18218-2:2019-10 (E)

Leather - Determination of ethoxylated alkylphenols - Part 2: Indirect method (ISO 18218-2:2019)

Contents

	Page
European foreword	3
Foreword	4
Introduction	5
1 Scope	6
2 Normative references	6
3 Terms and definitions	6
4 Principle	6
5 Apparatus and materials	7
6 Chemicals	7
7 Sampling and sample preparation	8
7.1 Preparation of leather samples	8
7.1.1 Sampling and preparation of samples	8
7.1.2 Sample extraction	8
7.2 Preparation of leather process auxiliary samples	9
7.3 Blank determination	9
7.4 Determination of OP and NP	9
7.5 Determination of OPEO and NPEO	9
7.6 Chromatographic analysis	10
7.7 Evaluation	10
8 Calibration	10
8.1 Calibration for OP and NP	10
8.2 Calibration for OPEO and NPEO	10
9 Calculation	11
9.1 Calculation of OP and NP	11
9.2 Calculation of OPEO and NPEO	11
10 Test report	12
Annex A (normative) Preparation of aluminium triiodide	13
Annex B (informative) Example of HPLC chromatograms	14
Annex C (informative) Example of GC-MS chromatograms	16
Bibliography	19