

ISO 18218-1:2023-06 (E)

Leather - Determination of ethoxylated alkylphenols (APEO) - Part 1: Direct method

Contents		Page
Foreword.....		iv
Introduction.....		v
1 Scope		1
2 Normative references		1
3 Terms and definitions		1
4 Principle		1
5 Apparatus		2
6 Reagents		2
7 Sampling		3
8 Sample preparation and analysis		3
8.1 Extraction.....		3
8.2 Analysis.....		4
8.3 Calibration.....		4
8.4 Calculation.....		4
8.4.1 Determination of the ratio of each APEO congener.....		4
8.4.2 Determination of the real concentration of each APEO congener in the calibration standards.....		4
8.4.3 Calibration graph.....		4
8.4.4 Calculation of the APEO concentration.....		5
9 Test report		5
Annex A (informative) Example of chromatographic method LC-MS/MS		7
Annex B (informative) Characteristic masses for quantification		8
Bibliography		10