

# ISO 18218-1:2023-06 (E)

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

---

<b>Contents</b>		<b>Page</b>
	Foreword.....	iv
	Introduction.....	v
<b>1</b>	<b>Scope</b> .....	<b>1</b>
<b>2</b>	<b>Normative references</b> .....	<b>1</b>
<b>3</b>	<b>Terms and definitions</b> .....	<b>1</b>
<b>4</b>	<b>Principle</b> .....	<b>1</b>
<b>5</b>	<b>Apparatus</b> .....	<b>2</b>
<b>6</b>	<b>Reagents</b> .....	<b>2</b>
<b>7</b>	<b>Sampling</b> .....	<b>3</b>
<b>8</b>	<b>Sample preparation and analysis</b> .....	<b>3</b>
	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
<b>9</b>	<b>Test report</b> .....	<b>5</b>
	<b>Annex A (informative) Example of chromatographic method LC-MS/MS</b> .....	<b>7</b>
	<b>Annex B (informative) Characteristic masses for quantification</b> .....	<b>8</b>
	<b>Bibliography</b> .....	<b>10</b>