

# DIN EN ISO 17075-2:2017-05 (E)

## Leather - Chemical determination of chromium(VI) content in leather - Part 2: Chromatographic method (ISO 17075-2:2017)

---

<b>Contents</b>		Page
<b>European foreword</b> .....		3
<b>Foreword</b> .....		4
<b>1 Scope</b> .....		5
<b>2 Normative references</b> .....		5
<b>3 Terms and definitions</b> .....		5
<b>4 Principle</b> .....		6
<b>5 Chemicals</b> .....		6
<b>6 Apparatus and materials</b> .....		6
<b>7 Procedure</b> .....		7
7.1 Sampling and preparation of samples .....		7
7.2 Preparation of analytical solution .....		7
7.3 Chromatographic conditions .....		8
7.4 Calibration .....		8
7.5 Determination of the recovery rate .....		9
<b>8 Calculation and expression of results</b> .....		9
8.1 Calculation of chromium(VI) content .....		9
8.2 Recovery rate (according to <a href="#">7.5</a> ) .....		10
8.3 Expression of results .....		10
<b>9 Test report</b> .....		10
<b>Annex A (informative) Accuracy</b> .....		11
<b>Annex B (informative) Chromatographic conditions for direct detection method</b> .....		13
<b>Annex C (informative) Chromatographic conditions for method with post-column reaction</b> .....		16
<b>Annex D (informative) Comparison between the colorimetric method (ISO 17075-1) and the ionic chromatography method (ISO 17075-2)</b> .....		20