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)

Contents

Page

European foreword ... **3**

Foreword ... **4**

1 Scope ... **5**

2 Normative references ... **5**

3 Terms and definitions ... **5**

4 Principle ... **6**

5 Chemicals ... **6**

6 Apparatus and materials ... **6**

7 Procedure ... **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

8 Calculation and expression of results ... **9**
8.1 Calculation of chromium(VI) content ... 9
8.2 Recovery rate (according to 7.5) ... 10
8.3 Expression of results ... 10

9 Test report ... **10**

Annex A (informative) **Accuracy** ... **11**

Annex B (informative) **Chromatographic conditions for direct detection method** ... **13**

Annex C (informative) **Chromatographic conditions for method with post-column reaction** ... **16**

Annex D (informative) **Comparison between the colorimetric method (ISO 17075-1) and the ionic chromatography method (ISO 17075-2)** ... **20**