

# DIN EN ISO 23702-1:2019-02 (E)

Leather - Organic fluorine - Part 1: Determination of non-volatile compounds by extraction method using liquid chromatography/tandem mass spectrometry detector (LC-MS/MS) (ISO 23702-1:2018)

---

<b>Contents</b>	<b>Page</b>
European foreword .....	3
Foreword .....	4
Introduction .....	5
<b>1 Scope</b> .....	<b>6</b>
<b>2 Normative references</b> .....	<b>6</b>
<b>3 Terms and definitions</b> .....	<b>6</b>
<b>4 Principle</b> .....	<b>7</b>
<b>5 Reagents</b> .....	<b>7</b>
<b>6 Apparatus</b> .....	<b>8</b>
<b>7 Testing procedure</b> .....	<b>9</b>
7.1 Sampling and preparation of the sample .....	9
7.2 Extraction procedure .....	9
7.2.1 Extraction .....	9
7.2.2 Interferences .....	9
7.3 Analytical procedure .....	9
<b>8 Calculation and expression of results</b> .....	<b>10</b>
8.1 Calibration curve .....	10
8.2 Calculation of the result .....	10
<b>9 Precision</b> .....	<b>10</b>
<b>10 Test report</b> .....	<b>11</b>
<b>Annex A (informative) Classes of highly fluorinated regulated compounds determinable by this document</b> .....	<b>12</b>
<b>Annex B (informative) Other relevant compounds of concern</b> .....	<b>13</b>
<b>Annex C (informative) LC-MS/MS chromatographic conditions</b> .....	<b>14</b>
<b>Annex D (informative) Interferences</b> .....	<b>21</b>
<b>Annex E (informative) Accuracy</b> .....	<b>22</b>
<b>Bibliography</b> .....	<b>24</b>