DIN EN ISO 23702-1:2023-10 (E)

Leather - Per- and polyfluoroalkyl substances - Part 1: Determination of non-volatile compounds by extraction method using liquid chromatography (ISO 23702-1:2023)

Contents

Page

European foreword 3

Foreword 4

Introduction 6

1 Scope 7

2 Normative references 7

3 Terms and definitions 8

4 Principle 8

5 Reagents 8

6 Apparatus 9

7 Sampling 10

8 Procedure 10

9 Expression of results 11
9.1 Calibration 11
9.2 Calculation of the result 11
9.3 Calculation of the results of a sum 11
9.4 Precision 12

10 Test report 12

Annex A (informative) PFAS substance categories and applications 13

Annex B (informative) PFAS regulated substances 14

Annex C (informative) PFAS non-regulated substances 17

Annex D (informative) Usable ions and possible quantification limits for PFAS analysis by LC-MS/MS 18

Annex E (informative) LC-MS/MS chromatographic conditions 20

Annex F (informative) Interferences 28

Annex G (informative) Accuracy 29

Bibliography 31