

ISO 25101:2009-03 (E)

Water quality - Determination of perfluorooctanesulfonate (PFOS) and perfluorooctanoate (PFOA) - Method for unfiltered samples using solid phase extraction and liquid chromatography/mass spectrometry

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Principle	1
4	Interferences	2
5	Reagents	3
6	Apparatus	4
7	Sampling and sample pretreatment	4
8	Procedure	4
9	Calibration	6
10	Calculation	8
11	Expression of results	9
12	Test report	9
Annex A (informative) Examples of suitable sorbents		10
Annex B (informative) Suitable HPLC columns		11
Annex C (informative) Examples of HPLC MS/MS chromatograms		12
Annex D (informative) Conditions for analysis of PFOS and PFOA using a single MS		15
Annex E (informative) Precision data		16
Annex F (informative) Details of the samples used for the interlaboratory trial		17
Bibliography		19