

ISO/TS 17951-1:2016-07 (E)

Water quality - Determination of fluoride using flow analysis (FIA and CFA) - Part 1: Method using flow injection analysis (FIA) and spectrometric detection after off-line distillation

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Principle	1
4	Interferences	2
5	Reagents	2
6	Apparatus	4
7	Sampling and sample preparation	4
8	Procedure	5
8.1	Distillation	5
8.2	Setting up the system	5
8.3	Reagent blank measurement	5
8.4	Adjustment of sensitivity	5
8.5	Confirmation of repeatability	5
8.6	Calibration	5
8.7	Measurement of samples	6
9	Calculation	6
10	Expression of results	6
11	Test report	7
Annex A (informative) Example of flow injection analysis (FIA) system		8
Annex B (informative) Example of a distillation apparatus and procedure		9
Annex C (informative) Results of the interlaboratory trial		11
Bibliography		12