

ISO 15923-1:2013-12 (E)

Water quality - Determination of selected parameters by discrete analysis systems - Part 1: Ammonium, nitrate, nitrite, chloride, orthophosphate, sulfate and silicate with photometric detection

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Principle	1
4	Interferences	2
5	Reagents	2
6	Apparatus	2
7	Sampling and sample preparation	2
8	Calibration	3
8.1	Calibration function	3
8.2	Calibration validity check	3
9	Procedure	3
10	Calculation	4
11	Expression of results	4
12	Test report	4
Annex A (normative) Correction for inherent colour		6
Annex B (normative) Determination of ammonium		7
Annex C (normative) Determination of the sum of nitrate and nitrite by the hydrazine method		9
Annex D (normative) Determination of nitrite		12
Annex E (normative) Determination of chloride by the thiocyanate method		14
Annex F (normative) Determination of orthophosphate		16
Annex G (normative) Determination of sulfate by the turbidimetric method		19
Annex H (normative) Determination of silicate		21
Annex I (informative) Performance data		23
Bibliography		25