

# ISO 20702:2017-12 (E)

## Fertilizers and soil conditioners - Determination of microamounts of inorganic anions in fertilizers by ion chromatography

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Principle .....	1
5	Reagents .....	1
6	Apparatus and materials .....	3
7	Test procedure .....	4
7.1	General .....	4
7.2	Preparation of test sample .....	4
7.3	Activation of the filter columns .....	4
7.4	Preparation of the test solution .....	4
7.5	Ion chromatography condition A (Gradient chromatography condition) .....	5
7.6	Ion chromatography condition B (Isocratic chromatography condition) .....	6
7.7	Determination of standard working solutions and sample test solutions .....	6
8	Calculation and expression of results .....	7
8.1	General .....	7
8.2	Precision .....	7
8.2.1	Ring test .....	7
8.2.2	Repeatability, r .....	7
8.2.3	Reproducibility, R .....	7
9	Test report .....	7
Annex A (informative) Ring test report -- Report of international laboratories ring test .....		9
Annex B (informative) Typical ion chromatogram for gradient chromatography conditions .....		46
Annex C (informative) Typical ion chromatogram for isocratic chromatography conditions .....		47
Annex D (informative) Additional statistical index of the test results .....		48
Bibliography .....		50