

ISO 22036:2008-12 (E)

Soil quality - Determination of trace elements in extracts of soil by inductively coupled plasma - atomic emission spectrometry (ICP - AES)

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Principle	3
5	Interferences	6
5.1	General	6
5.2	Spectral interferences	6
5.3	Non-spectral interferences	7
6	Reagents	8
7	Instrumentation	9
8	Procedure	10
8.1	Cleaning of glassware	10
8.2	Instrument performance parameters	10
8.3	Instrument optimization	11
8.4	Alignment of the spectrometer	11
8.5	Calibration methods	12
8.6	Solutions to be prepared	12
8.7	Measurement procedure	13
9	Calculation of results	14
10	Precision	14
11	Expression of results	14
12	Test report	15
Annex A (informative) Repeatability and precision results		16
Annex B (informative) Interferences		19
Bibliography		30