

ISO 11260:2018 (E)

Soil quality — Determination of effective cation exchange capacity and base saturation level using barium chloride solution

Contents

	Foreword
1	Scope
2	Normative references
3	Terms and definitions
4	Principle
5	Interferences
6	Procedures
6.1	Sample pretreatment
6.2	Leaching
6.2.1	Reagents
6.2.2	Leaching procedure
6.3	Determination of CEC
6.3.1	Principle
6.3.2	Reagents
6.3.3	Calibration series
6.3.4	Spectrometric procedure
6.3.5	Calculation
6.4	Determination of exchangeable sodium and potassium
6.4.1	Principle
6.4.2	Reagents
6.4.3	Calibration series
6.4.4	Spectrometric procedure
6.4.5	Calculations
6.5	Determination of exchangeable calcium and magnesium
6.5.1	Principle
6.5.2	Reagents
6.5.3	Calibration series
6.5.4	Spectrometric procedure
6.5.5	Calculation
7	Performance characterization
7.1	Calibration check
7.2	Repeatability and reproducibility
8	Test report
Annex A	(informative) Performance data

Page count: 12