
**Soil quality — Dissolution for the
determination of total element
content —**

**Part 3:
Dissolution with hydrofluoric,
hydrochloric and nitric acids using
pressurised microwave technique**

*Qualité du sol — Mise en solution pour la détermination des teneurs
élémentaires totales —*

*Partie 3: Mise en solution par l'acide fluorhydrique, l'acide
chlorhydrique et l'acide nitrique à l'aide de la technique de micro-
ondes pressurisées*

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Foreword

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Introduction

This document is a module for analysis of inorganic parameters in soil and soil material. This document concerns the complete dissolution for the subsequent analysis of elements.

An acid mixture based on nitric acid, hydrofluoric acid and hydrochloric acid will be used to totally dissolve most soils and similar materials. The resulting solutions can be determined separately or after combination with atomic absorption spectrometry (AAS) techniques, inductively coupled plasma optical emission spectrometry (ICP-OES) or inductively coupled plasma mass spectrometry (ICP-MS) determination methods.

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