

# ISO 12782-2:2012-06 (E)

## Soil quality - Parameters for geochemical modelling of leaching and speciation of constituents in soils and materials - Part 2: Extraction of crystalline iron oxides and hydroxides with dithionite

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	2
4	Principle .....	2
5	Apparatus .....	3
6	Reagents .....	3
7	Sample pretreatment .....	4
7.1	Sample size .....	4
7.2	Particle size reduction .....	4
7.3	Determination of the water content .....	5
8	Procedure .....	5
8.1	Preparation of the extraction solution .....	5
8.2	Extraction .....	5
8.3	Analytical determination .....	5
9	Calculation .....	6
10	Expression of results .....	6
11	Test report .....	6
Annex A (informative) Conditions regarding centrifugation .....		7
Bibliography .....		10