DIN EN ISO 14238:2014-03 (E)

Soil quality - Biological methods - Determination of nitrogen mineralization an d nitrification in soils and the influence of chemicals on these processes (ISO 14238:2012)

Contents

Page

Foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 Principle 6

5 Materials 6
5.1 Soils 6
5.2 Reagents and materials 7
5.3 Test substance 7

6 Apparatus 8

7 Procedures 8
7.1 Experimental options 8
7.2 Treatment of soils 8
7.3 Incubation of soils 9
7.4 Sampling of soils for testing 10
7.5 Extraction of soils 10
7.6 Analyses 10

8 Expression of results 10
8.1 Basic mineralization test 10
8.2 Toxicity testing 11

9 Test report 12

Annex A (informative) Determination of water-holding capacity of soil 14

Bibliography 16