

ISO 17155:2012-10 (E)

Soil quality - Determination of abundance and activity of soil microflora using respiration curves

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	2
5	Reagents	2
6	Apparatus	2
7	Sampling	3
7.1	Sample quantities	3
7.2	Sampling and storage	3
7.3	Soil sample characteristics	4
8	Procedure	4
8.1	Test	4
8.2	Toxicity testing	4
9	Calculation	5
9.1	Microbial parameters	5
9.2	Interpretation of data	6
10	Test report	8
Annex A (informative) Results of a laboratory ring test carried out in Germany		9
Annex B (informative) Comparison of microbial biomass determination by respiration curve measurement (this International Standard) and substrate-induced respiration (ISO 14240-1[1])11 Bibliography		13