# ISO 14855-1:2005-10 (E)

## Determination of the ultimate aerobic biodegradability of plastic materials under controlled composting conditions - Method by analysis of evolved carbon dioxide - Part 1: General method

## Contents

Page


Foreword ..... iv

Introduction ..... v

1 Scope ..... 1

2 Normative references ..... 1

3 Terms and definitions ..... 2

4 Principle ..... 3

5 Test environment ..... 3

6 Reagents ..... 3

7 Apparatus ..... 4

8 Procedure ..... 5

9 Calculation and expression of results ..... 9

10 Validity of results ..... 10

11 Test report ..... 10

Annex A (informative) Principle of test system ..... 12

Annex B (informative) Examples of graphical representation of carbon dioxide evolution and biodegradation curves ..... 13

Annex C (informative) Example of mass-loss determination ..... 15

Annex D (informative) Round-robin testing ..... 17

Annex E (informative) Examples of forms ..... 18

Bibliography ..... 21