

DIN EN ISO 15985:2018-02 (E)

Plastics - Determination of the ultimate anaerobic biodegradation under high-solids anaerobic-digestion conditions - Method by analysis of released biogas (ISO 15985:2014)

Contents	Page
European foreword	3
Foreword	4
Introduction	5
1 Scope	6
2 Normative references	6
3 Terms and definitions	6
4 Principle	7
5 Test environment	7
6 Reagents	7
7 Apparatus	8
8 Procedure	8
8.1 Preparation of the inoculum.....	8
8.2 Preparation of test material and reference material.....	9
8.3 Start-up of the test.....	9
8.4 Incubation period.....	9
8.5 Termination of the test.....	10
9 Calculation and expression of results	10
9.1 Calculation of gaseous carbon.....	10
9.2 Calculation of the percentage biodegradation.....	10
9.3 Calculation of loss in mass.....	11
9.4 Expression of results.....	11
10 Validity of results	11
11 Test report	11
Annex A (informative) Principle of test system	13
Annex B (informative) Example of loss in mass determination	14
Bibliography	15