

Contents

| | |
|---------|---|
| | Foreword |
| | Introduction |
| 1 | Scope |
| 2 | Normative references |
| 3 | Terms and definitions |
| 4 | General |
| 5 | Basic requirements |
| 5.1 | General |
| 5.2 | Disintegration during composting |
| 5.3 | Ultimate aerobic biodegradability |
| 5.4 | No adverse effect of compost on terrestrial organisms |
| 5.5 | Control of constituents |
| 6 | Detailed requirements |
| 6.1 | General |
| 6.2 | Disintegration during composting |
| 6.2.1 | General |
| 6.2.2 | Variation in permitted thickness |
| 6.3 | Ultimate biodegradation |
| 6.3.1 | Aerobic biodegradation |
| 6.3.1.1 | Laboratory test methods |
| 6.3.1.2 | Biodegradability of constituents |
| 6.3.1.3 | Criteria and pass level |
| 6.3.1.4 | Test duration |
| 6.3.2 | Potential for biogas production |
| 6.4 | No adverse effects of compost on terrestrial organisms |
| 6.4.1 | General |
| 6.4.2 | Ecotoxicity test scheme |
| 6.4.3 | Plant growth test (mandatory) |
| 6.4.4 | Acute earthworm toxicity test (mandatory) |
| 6.4.5 | Chronic earthworm toxicity test (mandatory) |
| 6.4.6 | Nitrification inhibition test with soil microorganisms (optional) |
| 6.5 | Control of constituents |
| 6.5.1 | General |
| 6.5.2 | Regulated metals and other elements |
| 6.5.3 | Per- and poly-fluorinated compounds (PFCs) |
| 6.5.4 | Other hazardous substances |
| 6.5.5 | Volatile solids |
| 7 | Declaration of results |
| 8 | Test report |
| Annex A | (informative) Examples of maximum concentrations of regulated metals and other elements |
| Annex B | (normative) Detection of per- and poly-fluorinated compounds and maximum concentrations of other hazardous substances |
| B.1 | Per- and poly-fluorinated compounds |

B.2 Other hazardous substances

Annex C (normative) Determination of ecotoxic effects on higher plants

- C.1 General**
- C.2 Properties of the reference substrate**
- C.3 Preparation of samples**
- C.4 Selection of plant species**
- C.5 Performing the tests**
- C.6 Validity of the tests**
- C.7 Evaluation of the results**

Annex D (normative) Determination of acute ecotoxic effects to earthworm

- D.1 General**
- D.2 Selection of the reference substrate**
- D.3 Preparation of samples**
- D.4 Selection of earthworm species**
- D.5 Performing the tests**
- D.6 Validity of the tests**
- D.7 Evaluation of the results**

Annex E (normative) Determination of chronic ecotoxic effects to earthworm

- E.1 General**
- E.2 Selection of the reference substrate**
- E.3 Preparation of samples**
- E.4 Selection of earthworm species**
- E.5 Performing the tests**
- E.6 Validity of the tests**
- E.7 Evaluation of the results**

Annex F (informative) Determination of nitrification activity of soil microorganisms

- F.1 General**
- F.2 Selection of the reference substrate**
- F.3 Preparation of samples**
- F.4 Performing the tests**
- F.5 Validity of the tests**
- F.6 Evaluation of the results**

Page count: 23