

## Annex – Methods Listing for Lab Certification Test Schemes

### 1 Chemical testing

- As specified in DIN V 54900
- As specified in DIN EN 13422
- As specified in ASTM D 6400

### 2 Testing of ultimate compostability

- As specified in DIN V 54900
- As specified in DIN EN 13422
- As specified in ASTM D 6400

### 3 Testing of compostability under practice-relevant conditions and of the quality of the composts

- As specified in DIN V 54900
- As specified in DIN EN 13422
- As specified in ASTM D 6400

### FOR "Products made of compostable materials".

- DIN V 54900 "Testing of compostability of plastics - Part 1: Chemical testing", October 1998
- DIN V 54900-2 "Testing of the compostability of plastics - Part 2: Testing of the complete biodegradability of plastics in laboratory tests", September 1998 edition
- Section B.3 "Testing of the compostability of plastics - Part 3: Testing under practice-relevant conditions and a method of testing the quality of the composts", September 1998 edition
- DIN EN 13432 "Packaging – Requirements for packaging recoverable through composting and biodegradation - Test scheme and evaluation criteria for the final acceptance of packaging" February 2000 edition,
- prEN 14045, "Packaging - Evaluation of the disintegration of packaging materials in practical oriented tests under defined composting conditions", October 2000 edition
- ISO 14851 "Determination of the ultimate aerobic biodegradability of plastic materials in an aqueous medium – Method by measuring the oxygen demand in a closed respirometer", May 1999 edition,
- ISO 14852 "Determination of the ultimate aerobic biodegradability of plastics materials in an aqueous medium – Method by analysis of evolved carbon dioxide", May 1999 edition,
- ISO 14855 "Determination of the ultimate aerobic biodegradability and disintegration of plastic materials under controlled composting conditions – Method by analysis of evolved carbon dioxide", May 1999 edition,
- ISO/DIS 15985 "Plastics - Determination of the ultimate anaerobic biodegradability and disintegration under high-solids anaerobic-digestion conditions - Method by analysis of released biogas", April 1999 edition,
- ISO/DIS 16929 "Plastics - Determination of the disintegration of plastics materials under defined composting conditions in a pilot-scale test", April 2000 edition,
- ISO/DIS 14853 "Plastics-Determination of the ultimate anaerobic biodegradability in an aqueous system – Method by measurement of biogas production", April 1999 edition.
- ASTM D 6400-99 "Standard Specifications for Compostable Plastics"
- ASTM D 5338-98 "Standard Test Method for Determining Aerobic Biodegradation of Plastics Materials Under Controlled Composting Conditions"
- ASTM D 6002-96 "Standard Guide for Assessing the Compostability of Environmentally Degradable Plastics"
- E DIN EN 6042 "Organic compounds – Test methods - Analysis by infrared spectroscopy"
- ASTM D 6247 "Standard Test Method for Analysis of Elemental Content in Polyolefins by X-ray Fluorescence Spectrometry"
- DIN 51418 "X-ray emission and X-ray fluorescence analysis (RFA)
- Bundesgütegemeinschaft Kompost e.V. (Hrsg.), Methodenhandbuch zur Analyse von Komposten (Federal Quality Association - Compost Manual: Methods for analysing composts)