DIN EN ISO 4349:2024-10 (E)

Solid recovered fuels - Determination of the Recycling Index for co-processing (ISO 4349:2024)

Contents

Page

European foreword ... **3**

Foreword ... **4**

Introduction ... **5**

1 Scope ... **6**

2 Normative references ... **6**

3 Terms and definitions ... **6**

4 Symbols and abbreviated terms ... **7**

5 Reagents ... **7**

6 Apparatus ... **7**

7 Procedure ... **8**

7.1 Preparation of the test sample ... 8

7.2 Determination of the ash content and preparation of ash sample ... 8

7.3 Determination of the elemental content ... 8

7.4 Methods ... 8

7.4.1 Method A – wet digestion followed by ICP-MS or ICP-OES analysis ... 8

7.4.2 Method B – preparation of fused beads followed by ICP-OES analysis ... 9

7.4.3 Method C – preparation of pellets followed by XRF analysis ... 9

7.4.4 Alternative procedures ... 9

7.5 Calculation ... 9

7.5.1 Calculation of element oxides ... 9

7.5.2 Calculation of R-index for co-processing ... 10

8 Performance characteristics ... **10**

9 Test report ... **10**

Annex A (informative) **SRF ash composition from mixed municipal and commercial waste** ... **11**

Annex B (informative) **Validation** ... **20**

Bibliography ... **28**