

ISO 4349:2024-05 (E)

Solid recovered fuels - Determination of the recycling index for co-processing

| Contents | | Page |
|---|--|-------------|
| Foreword | | iv |
| Introduction | | v |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Terms and definitions | 1 |
| 4 | Symbols and abbreviated terms | 2 |
| 5 | Reagents | 2 |
| 6 | Apparatus | 2 |
| 7 | Procedure | 3 |
| 7.1 | Preparation of the test sample | 3 |
| 7.2 | Determination of the ash content and preparation of ash sample | 3 |
| 7.3 | Determination of the elemental content | 3 |
| 7.4 | Methods | 3 |
| 7.4.1 | Method A - wet digestion followed by ICP-MS or ICP-OES analysis | 3 |
| 7.4.2 | Method B - preparation of fused beads followed by ICP-OES analysis | 4 |
| 7.4.3 | Method C - preparation of pellets followed by XRF analysis | 4 |
| 7.4.4 | Alternative procedures | 4 |
| 7.5 | Calculation | 4 |
| 7.5.1 | Calculation of element oxides | 4 |
| 7.5.2 | Calculation of R-index for co-processing | 5 |
| 8 | Performance characteristics | 5 |
| 9 | Test report | 5 |
| Annex A (informative) SRF ash composition from mixed municipal and commercial waste | | 6 |
| Annex B (informative) Validation | | 15 |
| Bibliography | | 23 |