

# DIN EN ISO 4349:2024-10 (E)

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

---

<b>Contents</b>		<b>Page</b>
European foreword.....		3
Foreword.....		4
Introduction.....		5
<b>1</b>	<b>Scope</b> .....	<b>6</b>
<b>2</b>	<b>Normative references</b> .....	<b>6</b>
<b>3</b>	<b>Terms and definitions</b> .....	<b>6</b>
<b>4</b>	<b>Symbols and abbreviated terms</b> .....	<b>7</b>
<b>5</b>	<b>Reagents</b> .....	<b>7</b>
<b>6</b>	<b>Apparatus</b> .....	<b>7</b>
<b>7</b>	<b>Procedure</b> .....	<b>8</b>
	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
<b>8</b>	<b>Performance characteristics</b> .....	<b>10</b>
<b>9</b>	<b>Test report</b> .....	<b>10</b>
<b>Annex A (informative) SRF ash composition from mixed municipal and commercial waste</b> .....		<b>11</b>
<b>Annex B (informative) Validation</b> .....		<b>20</b>
<b>Bibliography</b> .....		<b>28</b>