

# DIN EN ISO 21587-3:2007-12 (E)

Chemical analysis of aluminosilicate refractory products (alternative to the X-ray fluorescence method) - Part 3: Inductively coupled plasma and atomic absorption spectrometry methods (ISO 21587-3:2007)

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
1	Scope .....	4
2	Normative references .....	5
3	Determination of residual silica in solution by ICP/AES .....	5
4	Determination of iron(III) oxide by ICP/AES .....	7
5	Determination of titanium(IV) oxide by ICP/AES .....	9
6	Determination of manganese(II) oxide by ICP/AES .....	9
7	Determination of calcium oxide by ICP/AES .....	10
8	Determination of magnesium oxide by ICP/AES .....	12
9	Determination of sodium oxide by ICP/AES .....	12
10	Determination of potassium oxide by ICP/AES .....	13
11	Determination of chromium(III) oxide by ICP/AES .....	14
12	Determination of zirconium oxide by ICP/AES .....	14
13	Determination of phosphorus(V) oxide by ICP/AES .....	15
14	Determination of calcium by AAS .....	17
15	Determination of magnesium oxide by AAS .....	19
16	Determination of sodium oxide by AAS .....	20
17	Determination of potassium oxide by AAS .....	21
18	Determination of manganese oxide by AAS .....	21
19	Determination of chromium(III) oxide by AAS .....	23
20	Test report .....	24