

DIN EN ISO 3262-17:2024-04 (E)

Extenders - Specifications and methods of test - Part 17: Precipitated calcium silicate (ISO 3262-17:2024)

Contents		Page
European foreword.....		3
Foreword.....		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Requirements and test methods	6
5	Sampling	6
6	Determination of silica content	6
6.1	Principle.....	6
6.2	Reagents.....	6
6.3	Apparatus.....	7
6.4	Procedure.....	7
6.4.1	Number of determinations.....	7
6.4.2	Test portion.....	8
6.4.3	Determination.....	8
6.4.4	Determination of the total loss on ignition.....	8
6.5	Expression of results.....	9
6.6	Precision.....	9
7	Determination of the composition by spectrometry	9
7.1	Principle.....	9
7.2	Reagents and materials.....	10
7.3	Apparatus.....	10
7.4	Procedure.....	11
7.4.1	Preparation of standard matching solutions.....	11
7.4.2	Spectrometric measurement.....	11
7.4.3	Calibration graph.....	12
7.4.4	Preparation of the test solution.....	12
7.4.5	Determination.....	12
7.5	Expression of results.....	13
7.5.1	Concentration of Ca, Na and Si.....	13
7.5.2	Calculation of the oxide content for each element.....	13
7.6	Precision.....	13
8	Determination of residue on sieve	14
8.1	Principle.....	14
8.2	Materials.....	14
8.3	Apparatus.....	14
8.4	Procedure.....	14
8.4.1	Number of determinations.....	14
8.4.2	Test portion.....	14
8.4.3	Determination.....	14
8.5	Expression of results.....	15
8.6	Precision.....	15
9	Test report	15