

DIN EN 17196:2024-05 (E)

Construction products: Assessment of release of dangerous substances - Digestion by aqua regia for subsequent analysis of inorganic substances

Contents		Page
European foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	6
4	Abbreviations	7
5	Principle	7
6	Interferences and sources of errors	8
7	Reagents	8
8	Apparatus	8
9	Procedure	10
9.1	Sample pre-treatment	10
9.2	Blank test	10
9.3	Method A: Thermal heating under reflux conditions	10
9.4	Method B: Microwave heating with temperature control at 170 °C to 180 °C	11
10	Test performance	12
11	Test report	12
Annex A (informative) Validation results for inorganic substances in aqua regia digests from construction products		14
A.1	General	14
A.2	Precision data for aqua regia digests from construction products	14
Bibliography		21