

# DIN EN 16711-3:2019-08 (E)

## Textiles - Determination of metal content - Part 3: Determination of lead release by artificial saliva solution

---

<b>Contents</b>		<b>Page</b>
European foreword .....		3
Introduction .....		4
1	Scope .....	5
2	Normative references .....	5
3	Terms and definitions .....	5
4	Principle .....	6
5	Safety precautions .....	6
6	Reagents .....	6
7	Apparatus and materials .....	7
8	Preparation of test specimens .....	7
8.1	Sampling .....	7
8.2	Determination of the specimen surface area .....	7
8.3	Simulation of wear .....	8
8.4	Masking .....	8
8.5	Specimen pre-treatment before testing .....	8
9	Procedure .....	8
9.1	Extraction .....	8
9.2	Determination of lead .....	8
9.2.1	Analysis .....	8
9.2.2	Calibration solutions .....	8
9.2.3	Blank solutions .....	9
9.2.4	Number of replicate measurements .....	9
10	Calculation and expression of results -- Lead release .....	9
11	Test report .....	9
Annex A (normative) Requirements for preparation of artificial saliva .....		10
A.1	General .....	10
A.2	Composition .....	10
A.3	Preparation of the artificial saliva .....	10
Bibliography .....		11