

# DIN EN 16117-1:2011-12 (E)

## Copper and copper alloys - Determination of copper content - Part 1: Electrolytic determination of copper in materials with copper content less than 99,85 %

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
1	Scope .....	4
2	Normative references .....	4
3	Principle .....	4
4	Reagents .....	4
5	Apparatus .....	5
6	Sampling .....	5
7	Procedure .....	5
7.1	Test portion .....	5
7.2	Determination .....	5
8	Expression of results .....	6
9	Precision .....	6
10	Test report .....	7
Annex A (normative)	Spent electrolyte -- Determination of residual copper -- Flame atomic absorption spectrometric method (FAAS) .....	8
A.1	General .....	8
A.2	Principle .....	8
A.3	Reagents .....	8
A.4	Apparatus .....	9
A.5	Procedure .....	9
A.6	Expression of results .....	10
Bibliography .....		12