DIN EN 15022-4:2012-01 (E)

Copper and copper alloys - Determination of tin content - Part 4: Medium tin content - Flame atomic absorption spectro metric method (FAAS)

Contents

Page

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 Preparation of the test portion solution 5
7.1.1 Test portion 5
7.1.2 Test portion solution 5
7.2 Blank test 5
7.3 Check test 5
7.4 Establishment of the calibration curve 6
7.4.1 Preparation of the calibration solutions 6
7.4.2 Adjustment of the atomic absorption spectrometer 6
7.4.3 Spectrometric measurement of the calibration solutions 7
7.4.4 Calibration curve 7
7.5 Determination 7
7.5.1 General 7
7.5.2 Preliminary spectrometric measurement 7
7.5.3 Spectrometric measurements 7

8 Expression of results 8
8.1 Use of calibration curve 8
8.2 Use of bracketing method 8

9 Precision 8

10 Test report 9

Bibliography 11