ISO 13546:2021 (E)

Copper concentrates — Determination of mercury content — Cold vapour atomic absorption spectrometric method

Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

4 Principle

5 Reagents

6 Apparatus

7 Sampling and sampling preparation

- 7.1 Test sample
- 7.2 Test portion

8 Procedure

- 8.1 Number of determinations
- 8.2 Blank test
- 8.3 Dissolution of the test portion
- 8.4 Storage of digested solutions
- 8.5 Preparation of sample solutions
- 8.6 Preparation of test solutions
- 8.7 Preparation of calibration solutions
- 8.8 Preparation of mercury calibration graph
- 8.9 Determination of mercury content in test solutions

9 Expression of results

10 Procedure for obtaining the final result

11 Precision

- 11.1 Expression of precision
- 11.2 Procedure for obtaining the final result
- 11.3 Precision between laboratories
- 11.4 Check of trueness
- 11.4.1 General
- 11.4.2 Type of certified reference material or reference material
- 11.4.3 Reference material certified or characterized by an interlaboratory test programme
- 11.4.4 Reference material certified or characterized by one laboratory

12 Test report

Annex A (normative) Procedure for obtaining the final results

Page count: 11