ISO 4939:2016-02 (E)

Steel - Determination of nickel - Dimethylglyoxime spectrophotometric method

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Principle 1

4 Reagents 1

5 Apparatus 2

6 Sampling 2

7 Procedure 2
7.1 Test portion 2
7.2 Blank test 2
7.3 Determination 2
7.3.1 Preparation of the test solution 2
7.3.2 Colour development 3
7.3.3 Preparation of the compensating solution 3
7.3.4 Spectrophotometric measurement 3
7.4 Establishment of the calibration curve 3
7.4.1 Preparation of the calibration solutions 3
7.4.2 Spectrophotometric measurement 4
7.4.3 Calibration curves 4

8 Expression of results 4

9 Precision 5
9.1 General 5
9.2 Repeatability 5
9.3 Reproducibility 5

10 Test report 5

Annex A (informative) Additional information on the international interlaboratory test 7

Annex B (informative) Graphical representation of precision data 8

Bibliography 9