

ISO 11400:2021-12 (E)

Nickel, ferronickels and nickel alloys - Determination of phosphorus content - Phosphovanadomolybdate spectrophotometric method

Contents	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	1
5 Reagents	1
6 Apparatus	3
7 Sampling and sample preparation	3
8 Procedure	4
8.1 Test portion.....	4
8.2 Blank test.....	4
8.3 Determination.....	4
8.3.1 Preparation of the test solution.....	4
8.3.2 Removal of chromium.....	4
8.3.3 Complexation.....	4
8.3.4 Colour development and extraction.....	5
8.3.5 Spectrophotometric measurement.....	5
8.4 Establishment of the calibration curve.....	5
8.5 Check test.....	6
9 Expression of results	6
9.1 Calculation.....	6
9.2 Precision.....	6
9.2.1 Laboratory tests.....	6
9.2.2 Statistical analysis.....	7
10 Test report	7
Bibliography	9