ISO/TR 4644:2021 (E)

Nickels, ferronickels and nickel alloys — Standards for the determination of chemical composition

Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

4 International Standards for the determination of the chemical composition of nickels, ferronickels and nickel alloys

- 4.1 Nickels
- 4.2 Ferronickels
- 4.3 Nickel alloys

5 Range of application and principle of the methods

- 5.1 Nickels
- 5.1.1 Silver, bismuth, cadmium, cobalt, copper, iron, manganese, lead and zinc [Ag, Bi, Cd, Co, Cu, Fe, Mn, Pb and Zn]
- 5.1.2 Silver, arsenic, bismuth, cadmium, lead, antimony, selenium, tin, tellurium and thallium [Ag, As, Bi, Cd, Pb, Sb, Se, Sn, Te and Tl]
- 5.1.3 Boron, B
- 5.1.4 Phosphorus, P
- 5.1.5 Sulfur, S
- 5.2 Ferronickels
- 5.2.1 Carbon, C
- 5.2.2 Chromium, cobalt, copper, manganese and phosphorus [Cr, Co, Cu, Mn and P]
- 5.2.3 Cobalt, Co
- 5.2.4 Nickel, Ni
- 5.2.5 Phosphorus, P
- 5.2.6 Sulfur, S
- 5.2.7 Silicon, Si
- 5.3 Nickel alloys
- 5.3.1 Aluminium, Al
- 5.3.2 Boron, B
- 5.3.3 Cobalt, chromium, copper, iron and manganese [Co, Cr, Cu, Fe and Mn]
- 5.3.4 Chromium, Cr
- 5.3.5 Molybdenum, Mo
- 5.3.6 Niobium, Nb
- 5.3.7 Nickel, Ni
- 5.3.8 Phosphorus, P
- 5.3.9 Lead, Pb
- 5.3.10 Sulfur, S
- 5.3.11 Silicon, Si
- 5.3.12 Tantalum, Ta
- 5.3.13 Titanium, Ti
- 5.3.14 Vanadium, V

Annex A (informative) Graphical representation of the scope of methods described in this document

Annex B (informative) Bilingual key of the abbreviated terms used in the figures given in Annex A

Page count: 23