

DIN EN ISO 7526:2020-06 (E)

Ferronickels - Determination of sulfur content - Infrared absorption method after induction furnace combustion (ISO 7526:2020)

Contents	Page
European foreword	3
Foreword	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Principle	5
5 Reagents	5
6 Apparatus	6
7 Sampling and sample preparation	7
8 Procedure	8
8.1 Preparing and stabilizing the instrument	8
8.2 Blank test and zero adjustment	8
8.2.1 Sulfur contents $\leq 0,05\%$	8
8.2.2 Sulfur contents $> 0,05\%$	8
8.3 Calibration	8
8.4 Determination	9
9 Expression of results	10
9.1 Calculation	10
9.2 Precision	10
10 Test report	12
Annex A (informative) Features of commercial high frequency induction furnaces and infrared sulfur analysers	13
Annex B (informative) Composition of the samples used for the validation precision test	14
Annex C (informative) Graphical representation of the precision data	15
Bibliography	16