

DIN EN 10136:2019-10 (E)

Steels and cast irons - Determination of nickel content - Flame atomic absorption spectrometric method (FAAS)

	Contents	Page
	European foreword	3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	Principle	4
5	Reagents	4
6	Apparatus	6
6.1	Ordinary laboratory apparatus	6
6.2	Atomic absorption spectrometer	6
6.2.1	General	6
6.2.2	Minimum precision	6
6.2.3	Additional performance requirements	6
7	Sampling	6
8	Procedure	7
8.1	Test portion	7
8.2	Blank test	7
8.3	Determination	7
8.3.1	Preparation of the test solution	7
8.3.2	Treatment of the test solution	7
8.3.3	Preparation of the calibration solutions	8
8.3.4	Adjustment of the atomic absorption spectrometer	9
8.3.5	Spectrometric measurements	9
9	Expression of results	10
9.1	Use of the calibration curve	10
9.2	Use of bracketing method	10
10	Test report	11
	Annex A (informative) Precision	12
	Bibliography	13