

ISO 11435:2005-11 (E)

Nickel alloys - Determination of molybdenum - Inductively coupled plasma atomic emission spectrometric method

Contents		Page
Foreword		iv
1 Scope		1
2 Normative references		1
3 Principle		1
4 Reagents		2
5 Apparatus		3
6 Sampling and sample preparation		4
7 Procedure		4
7.1 Test portion		4
7.2 Preparation of test solution TMo		4
7.3 Optimisation of spectrometer		4
7.4 Pre-determination of the test solution		5
7.5 Preparation of calibration solutions for bracketing, KI,Mo and Kh,Mo		5
7.6 Measurement of test solutions		6
8 Expression of results		6
8.1 Method of calculation		6
8.2 Precision		6
8.3 Trueness		7
9 Test report		7
Annex A (normative) Checking the performance of an ICP instrument		8
Annex B (informative) Suggested analytical lines and possible spectral interferences in the determination of molybdenum by ICP-AES		10
Annex C (informative) Notes on the test programme		11