

ISO 20258:2018 (E)

Magnesium lithium alloys — Determination of lithium — Inductively coupled plasma optical emission spectrometric method

Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Principle
5	Reagents
6	Apparatus
7	Sampling and sample preparation
8	Procedure
8.1	General
8.2	Test portion
8.3	Determination
8.3.1	Preparation of the test solution
8.3.2	Preparation of the calibration solutions
8.4	Adjustment of the apparatus
8.5	Measurement of the calibration solutions
8.6	Calibration curve
8.7	Measurements of the test solution
9	Expression of results
9.1	Method of calculation
9.2	Precision
10	Test report
Annex A	(normative) Inductively coupled plasma optical emission spectrometer — Performance criteria to be checked
A.1	Resolution of a spectrometer
A.2	Minimum short-term precision
Annex B	(informative) Information on the precision test
Annex C	(informative) Graphical representation of precision data

Page count: 11