INTERNATIONAL STANDARD

ISO 4155

First edition 2022-05

Magnesium and magnesium alloys — Determination of nickel — Inductively coupled plasma optical emission spectrometric method





COPYRIGHT PROTECTED DOCUMENT

© ISO 2022

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office CP 401 • Ch. de Blandonnet 8 CH-1214 Vernier, Geneva Phone: +41 22 749 01 11 Email: copyright@iso.org Website: www.iso.org

Published in Switzerland

Contents				Page	
Fore	word			iv	
Introduction				v	
1	Scor	e		1	
2	Normative references				
3	Terms and definitions				
	Principle				
4	•				
5	Reagents				
6	App : 6.1	Induc 6.1.1 6.1.2 6.1.3 6.1.4	tively coupled plasma optical emission spectrometer. General Wavelengths Limit of detection Linearity of the calibration curve	2 2 3	
7	Sam	mpling and sample preparation			
8	8.1 8.2 8.3 8.4 8.5 8.6 8.7	Gener Test s Deter 8.3.1 8.3.2 8.3.3 8.3.4 Adjus Measu Calibr	ral	33344455	
9.1 Method of calculation		Metho	of results od of calculation sion	5	
10	Test	Test report			
Anne	ex A (n	ormative	e) Limit of detection	7	
Anne	e x B (ir	ıformati	ve) Information on the precision test	8	
	-		ve) Graphical representation of precision data		
	ograp]				