

DIN EN 15063-1:2007-01 (E)

Copper and copper alloys - Determination of main constituents and impurities by wavelength dispersive X-ray fluorescence spectrometry (XRF) - Part 1: Guidelines to the routine method

Contents		Page
Foreword		3
Introduction		4
1	Scope	5
2	Principle	5
3	Terms and definitions	5
4	Instrumentation	7
5	Sampling and test sample preparation	12
6	Evaluation methods	12
7	Calibration strategy	15
8	Method validation (accuracy and precision)	17
9	Performance criteria	17
10	Radiation protection	18
Annex A (informative) Example of calculating background equivalent concentration, limit of detection, limit of quantification and lower limit of detection		19
Annex B (informative) Example of calculating line interference of one element to another		21
Annex C (informative) Example of performance criteria obtained in a precision test		22
Bibliography		23