



# INSTITUTE OF NON-FERROUS METALS

Analytical Chemistry Department  
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## CERTIFICATE OF ANALYSIS Chemical copper reference material series Cu 10

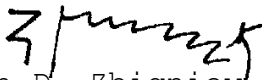
Mean oxygen content	2,1 ppm
Half confidence interval of arithmetic mean	1 ppm

Oxygen was determined by means of method of inert gas fusion and vacuum gas fusion using the following measuring techniques:

- spectrophotometric (LECO Analysers RO-216, RO-116);
- thermal conductivity (LECO Analyser RO-16, Leybold Evolograph).

Each package contains 65 g of reference material in form of rods 5 mm in diameter and 100 mm long.

Director of the Institute

  
Prof. Ph.D. Zbigniew Śmieszek