



INSTITUTE OF NON-FERROUS METALS

Analytical Chemistry Department
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CERTIFICATE OF ANALYSIS

Chemical copper reference material
Series Cu 100

Mean oxygen content	125 ppm
Half confidence interval of arithmetic mean	6 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 150 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