

Quality certificate  
Technical data for Validation  
of LCK329 (0.1-8.0 mg/l  
Copper )

Quality certificate

Technical data for cuvette test LCK329

Sensitivity	0.228 Abs./(mg/l)
Ordinate intersect	0.054 Abs.
Residual standard deviation	0.0062 Abs.
Method variation coefficient	0.62 %
Method standard deviation	0.027 mg/l
Confidence intervall (95%)	± 0.066 mg/l

The technical data for cuvette test LCK329 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

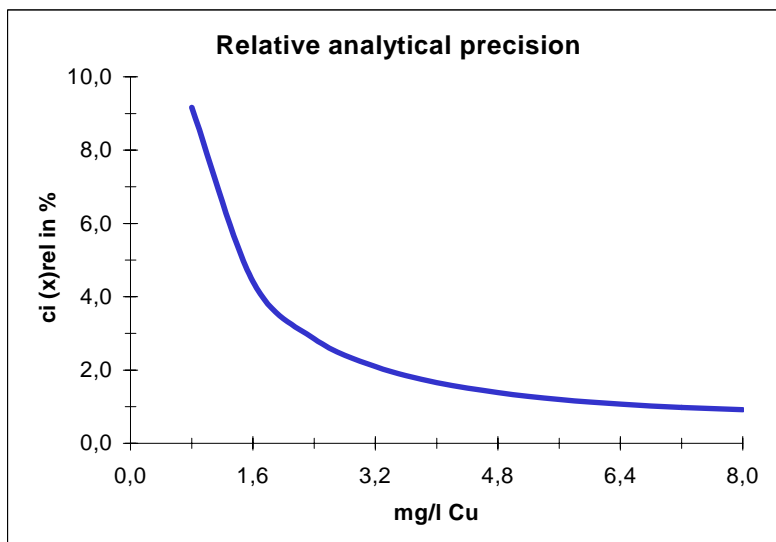
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	0.017 mg/l
Quantitation limit	0.052 mg/l

The detection and the quantitation limits were determined in conformity with DIN 32645.



Result	Confidence intervall (95%)
1.60 mg/l	± 0.071 mg/l
3.20 mg/l	± 0.067 mg/l
4.80 mg/l	± 0.066 mg/l
6.40 mg/l	± 0.069 mg/l
8.00 mg/l	± 0.073 mg/l

**HACH LANGE GmbH**  
**Quality Management**

**Dr. Ralf Kloos**