

Quality certificate  
Technical data for Validation  
of LCI400 (0-1000 mg/l COD  
in conformity with ISO 15705)

Quality certificate

Technical data for cuvette test LCI400

Sensitivity	0.0004 Abs./(mg/l)
Ordinate intersect	0.003 Abs.
Residual standard deviation	0.0007 Abs.
Method variation coefficient	0.32 %
Method standard deviation	1.7 mg/l
Confidence intervall (95%)	± 4.2 mg/l

The technical data for cuvette test LCI400 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

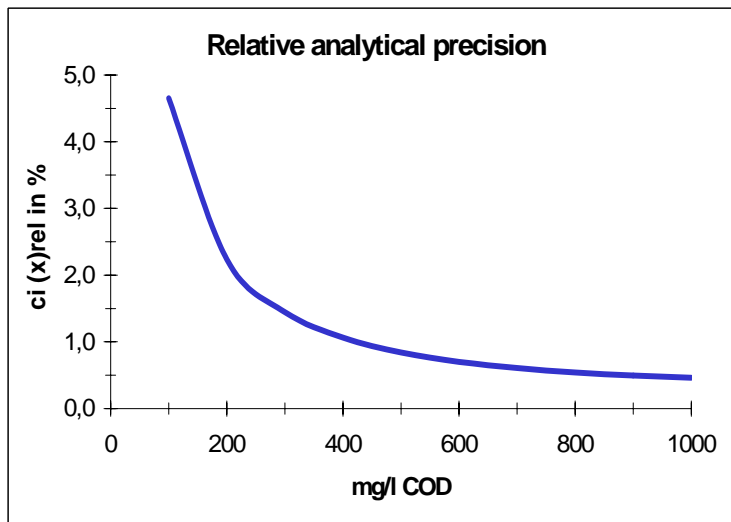
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	4.0 mg/l
Quantitation limit	11.9 mg/l

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



Result	Confidence intervall (95%)
200 mg/l	± 4.5 mg/l
400 mg/l	± 4.3 mg/l
600 mg/l	± 4.2 mg/l
800 mg/l	± 4.3 mg/l
1000 mg/l	± 4.6 mg/l

**HACH LANGE GmbH**  
Quality Management

**Dr. Ralf Kloos**