

Quality certificate  
Technical data for Validation  
of LCK214 (0-1000 mg/l  
COD)

Quality certificate

Technical data for cuvette test LCK214

Sensitivity	0.0005 Abs./(mg/l)
Ordinate intersect	0.046 Abs.
Residual standard deviation	0.0018 Abs.
Method variation coefficient	0.66 %
Method standard deviation	3.6 mg/l
Confidence intervall (95%)	± 8.8 mg/l

The technical data for cuvette test LCK214 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

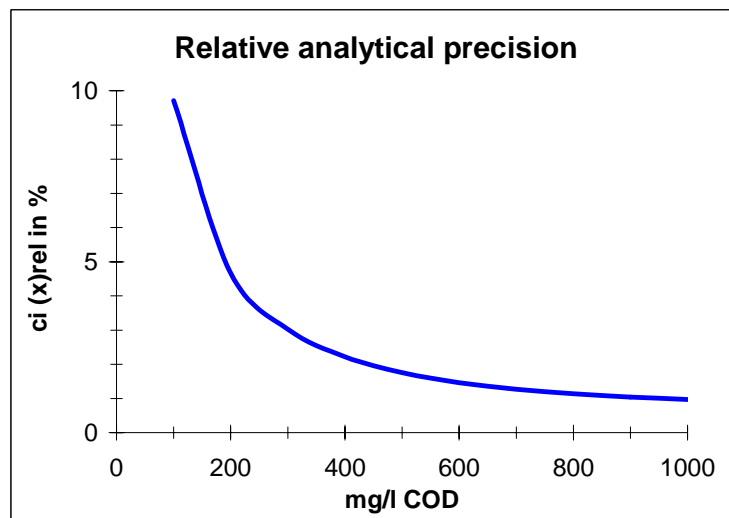
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	2.8 mg/l
Quantitation limit	8.4 mg/l

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



Result	Confidence intervall (95%)
200 mg/l	± 9.3 mg/l
400 mg/l	± 8.9 mg/l
600 mg/l	± 8.8 mg/l
800 mg/l	± 9.1 mg/l
1000 mg/l	± 9.7 mg/l

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

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