

Quality certificate  
 Technical data for Validation  
 of LCK514 (100-2000 mg/l  
 COD)

Quality certificate

Technical data for cuvette test LCK514

Sensitivity	0.0005 Abs./(mg/l)
Ordinate intersect	0.062 Abs.
Residual standard deviation	0.0017 Abs.
Method variation coefficient	0.33 %
Method standard deviation	3.5 mg/l
Confidence intervall (95%)	± 8.7 mg/l

The technical data for cuvette test LCK514 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

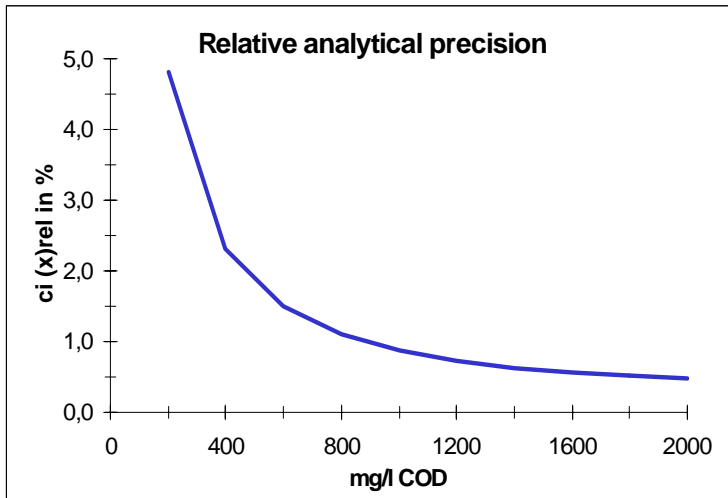
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	4.6 mg/l
Quantitation limit	13.7 mg/l

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



Result	Confidence intervall (95%)
400 mg/l	± 9.3 mg/l
800 mg/l	± 8.8 mg/l
1200 mg/l	± 8.7 mg/l
1600 mg/l	± 9.0 mg/l
2000 mg/l	± 9.6 mg/l

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

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