

Quality certificate

Technical data for Validation of LCK014 (1000-10000 mg/l COD)

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Technical data for cuvette test LCK014

Sensitivity	0.0002 Abs./(mg/l)
Ordinate intersect	0.050 Abs.
Residual standard deviation	0.0068 Abs.
Method variation coefficient	0,74 %
Method standard deviation	40 mg/l
Confidence intervall (95%)	± 98 mg/l

The technical data for cuvette test LCK014 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

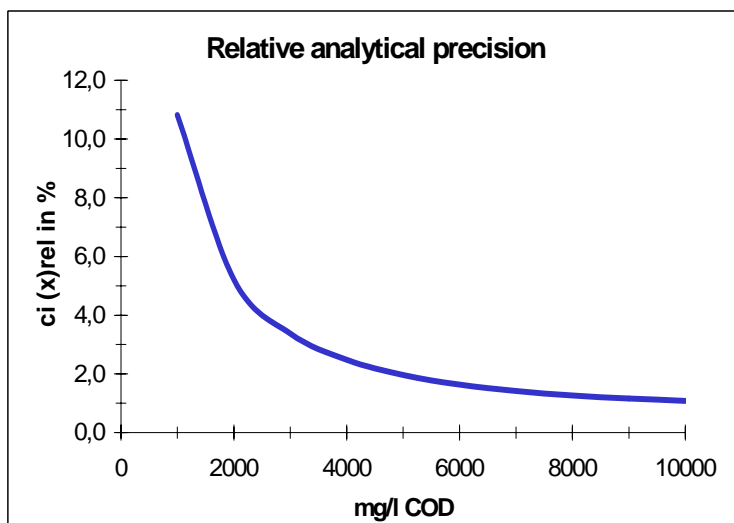
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	16.7 mg/l
Quantitation limit	50.1 mg/l

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



Result	Confidence intervall (95%)
2000 mg/l	± 104 mg/l
4000 mg/l	± 99 mg/l
6000 mg/l	± 98 mg/l
8000 mg/l	± 101 mg/l
10000 mg/l	± 108 mg/l

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Quality Management

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