

Quality certificate
 Technical data for Validation
 of LI500 (0-150 mg/l COD in
 conformity with ISO 15705)

Quality certificate

Technical data for cuvette test LCI500

Sensitivity	0.0032 Abs./(mg/l)
Ordinate intersect	0.003 Abs.
Residual standard deviation	0.0025 Abs.
Method variation coefficient	0.96 %
Method standard deviation	0.8 mg/l
Confidence intervall (95%)	± 1.9 mg/l

The technical data for cuvette test LCI500 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

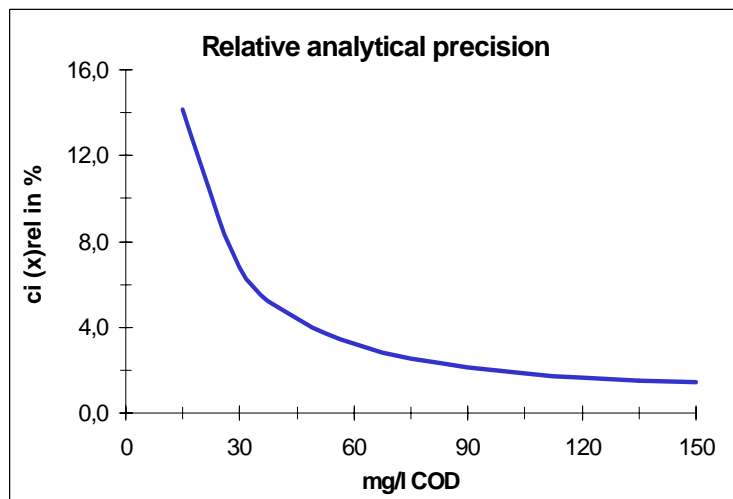
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	2.3 mg/l
Quantitation limit	6.9 mg/l

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



Result	Confidence intervall (95%)
30 mg/l	± 2.0 mg/l
60 mg/l	± 1.9 mg/l
90 mg/l	± 1.9 mg/l
120 mg/l	± 2.0 mg/l
150 mg/l	± 2.1 mg/l

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Quality Management

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