

Quality certificate
 Technical data for Validation
 of LCK614 (50-300 mg/l
 COD)

Quality certificate

Technical data for cuvette test LCK614

Sensitivity	0.004 Abs./(mg/l)
Ordinate intersect	1.570 Abs.
Residual standard deviation	0.0065 Abs.
Method variation coefficient	0.98 %
Method standard deviation	1.6 mg/l
Confidence intervall (95%)	± 3.9 mg/l

The technical data for cuvette test LCK614 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

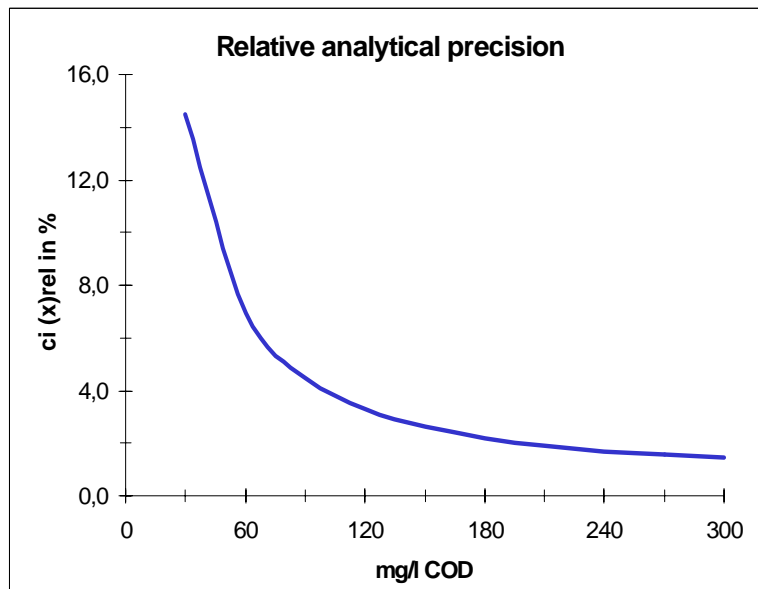
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	4.5 mg/l
Quantitation limit	13.6 mg/l

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



Result	Confidence intervall (95%)
60 mg/l	± 4.17 mg/l
120 mg/l	± 3.97 mg/l
180 mg/l	± 3.92 mg/l
240 mg/l	± 4.06 mg/l
300 mg/l	± 4.33 mg/l

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Quality Management

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