

Quality certificate
 Technical data for Validation of
 LCK1414; COD
 (5.0 - 60.0 mg/L COD)

Quality certificate
 Rev. 16-Dec-2016

Technical data for cuvette test LCK1414

Sensitivity	0.0218 Abs./mg/L
Ordinate intercept	1.720 Abs.
Residual standard deviation	0.0067Abs.
Method variation coefficient	0.94 %
Method standard deviation	0.31 mg/L
Confidence interval (95%)	0.75 mg/L
Correlation coefficient (r^2)	0.9999

The technical data for cuvette test LCK1414 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

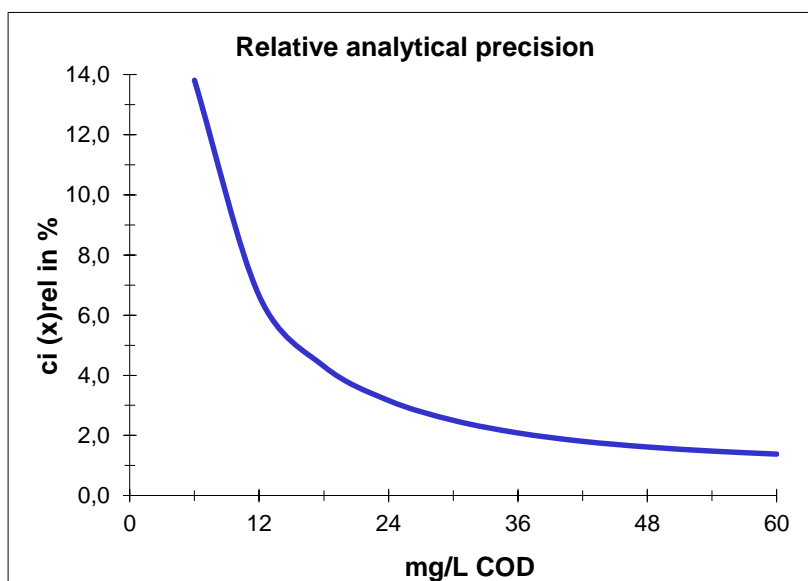
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	0.6 mg/L
Quantitation limit	2.0 mg/L

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



Result	Confidence interval (95%)
12 mg/L	± 0.80 mg/L
24 mg/L	± 0.76 mg/L
36 mg/L	± 0.75 mg/L
48 mg/L	± 0.80 mg/L
60 mg/L	± 0.83 mg/L

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