

Quality certificate
Technical data for Validation
of LCK320 (0.2-6.0 mg/l
Iron Fe²⁺)

Quality certificate

Technical data for cuvette test LCK320

Sensitivity	0.214 Abs./(mg/l)
Ordinate intersect	0.048 Abs.
Residual standard deviation	0.0031 Abs.
Method variation coefficient	0.44 %
Method standard deviation	0.015 mg/l
Confidence intervall (95%)	± 0.035 mg/l

The technical data for cuvette test LCK320 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

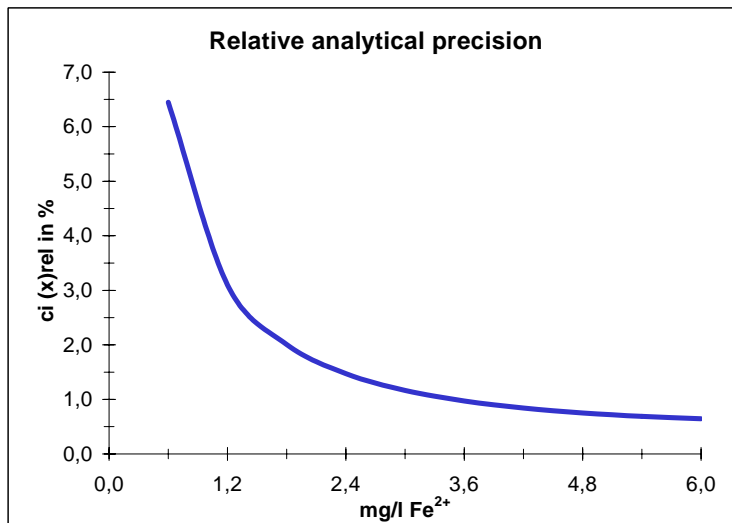
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	0.022 mg/l
Quantitation limit	0.066 mg/l

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



Result	Confidence intervall (95%)
1.20 mg/l	± 0.039 mg/l
2.40 mg/l	± 0.035 mg/l
3.60 mg/l	± 0.035 mg/l
4.80 mg/l	± 0.036 mg/l
6.00 mg/l	± 0.039 mg/l

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Quality Management

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