

Quality certificate
Technical data for Validation
of LCW032 (0.02-1.0 mg/l
Manganese)

Quality certificate

Technical data for cuvette test LCW032
(50 mm)

Sensitivity	0.829 Abs./(mg/l)
Ordinate intersect	0.004 Abs.
Residual standard deviation	0.0045 Abs.
Method variation coefficient	0.99 %
Method standard deviation	0.005 mg/l
Confidence intervall (95%)	± 0.013 mg/l

The technical data for cuvette test LCW032 (50 mm) were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

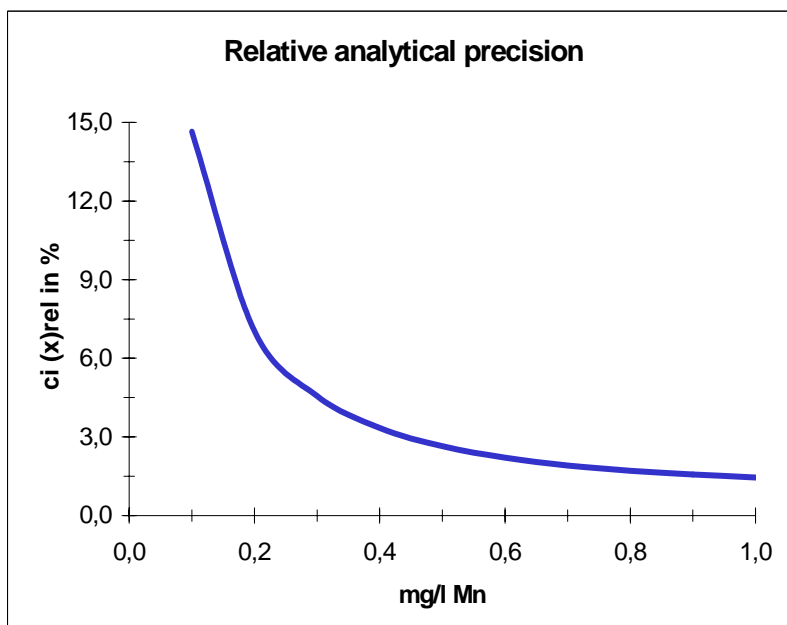
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	0.004 mg/l
Quantitation limit	0.014 mg/l

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



Result	Confidence intervall (95%)
0.2 mg/l	± 0.014 mg/l
0.4 mg/l	± 0.013 mg/l
0.6 mg/l	± 0.013 mg/l
0.8 mg/l	± 0.014 mg/l
1.0 mg/l	± 0.015 mg/l

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