

# Quality certificate

## Technical data for Validation of LCS360 (0.02-0.8 mg/l Zinc)

### Quality certificate

#### Technical data for cuvette test LCS360

Sensitivity	0.725 Abs./(mg/l)
Ordinate intersect	0.008 Abs.
Residual standard deviation	0.0035 Abs.
Method variation coefficient	1.11 %
Method standard deviation	0.005 mg/l
Confidence intervall (95%)	$\pm 0.012$ mg/l

The technical data for cuvette test LCS360 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

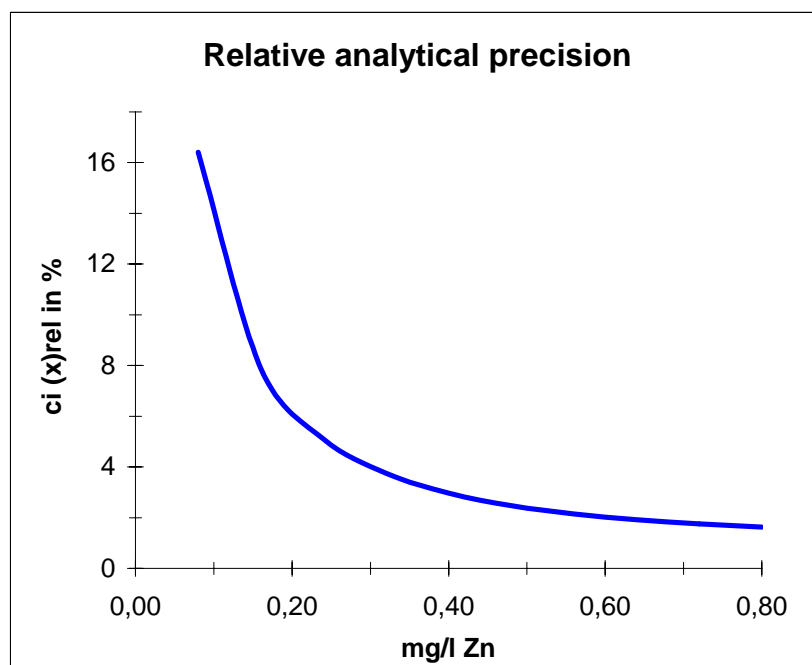
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

#### Technical data in conformity with DIN 32645

Detection limit	0.006 mg/l
Quantitation limit	0.019 mg/l

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



Result	Confidence intervall (95%)
0.16 mg/l	$\pm 0.013$ mg/l
0.32 mg/l	$\pm 0.012$ mg/l
0.48 mg/l	$\pm 0.012$ mg/l
0.64 mg/l	$\pm 0.012$ mg/l
0.80 mg/l	$\pm 0.013$ mg/l

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