

Quality certificate  
Technical data for Validation  
of LCK360 (0.2-6.0 mg/l  
Zinc)

Quality certificate

Technical data for cuvette test LCK360

Sensitivity	0.105 Abs./(mg/l)
Ordinate intersect	0.001 Abs.
Residual standard deviation	0.0024 Abs.
Method variation coefficient	0.68 %
Method standard deviation	0.023 mg/l
Confidence intervall (95%)	$\pm 0.055$ mg/l

The technical data for cuvette test LCK360 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

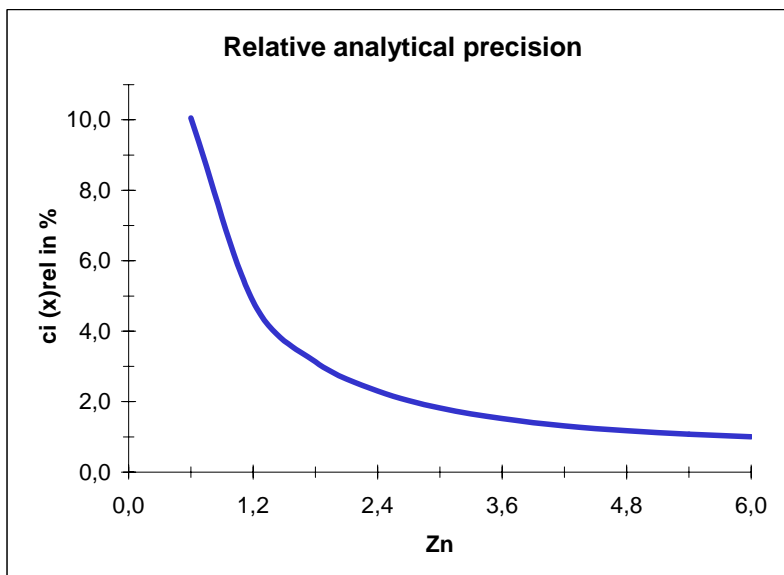
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	0.065 mg/l
Quantitation limit	0.196 mg/l

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



Result	Confidence intervall (95%)
1.20 mg/l	$\pm 0.058$ mg/l
2.40 mg/l	$\pm 0.055$ mg/l
3.60 mg/l	$\pm 0.055$ mg/l
4.80 mg/l	$\pm 0.056$ mg/l
6.00 mg/l	$\pm 0.060$ mg/l

**HACH LANGE GmbH**  
Quality Management

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