

Quality certificate

Technical data for Validation of LCK385 (3-30 mg/l TOC)

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Technical data for cuvette test LCK385

Sensitivity	0.0250 Abs./(mg/l)
Ordinate intersect	0.420 Abs.
Residual standard deviation	0.0096 Abs.
Method variation coefficient	2.34 %
Method standard deviation	0.39 mg/l
Confidence intervall (95%)	± 0.90 mg/l

The technical data for cuvette test LCK385 were determined in conformity with ISO 8466-2 „Calibration and evaluation of analytical methods and estimation of performance characteristics – Part 2“.

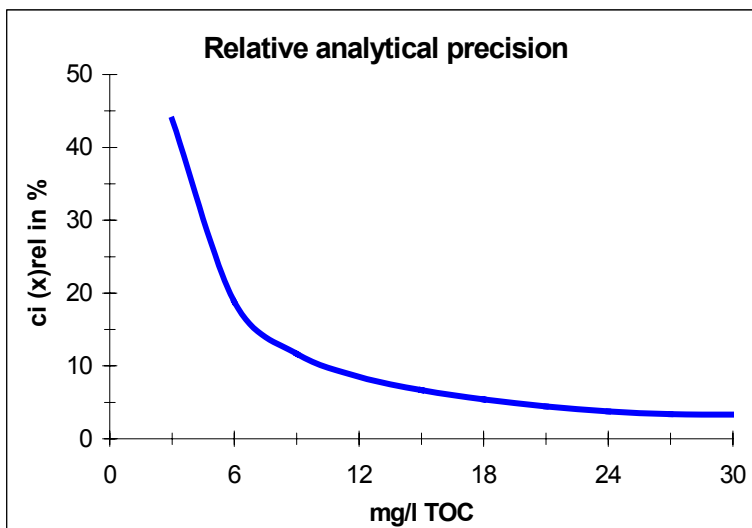
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a non-linear function.

Technical data in conformity with DIN 32645 (Blank values)

Detection limit	0.53 mg/l
Quantitation limit	1.60 mg/l

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



Result	Confidence intervall
6.0 mg/l	± 1.12 mg/l
12.0 mg/l	± 1.02 mg/l
18.0 mg/l	± 0.97 mg/l
24.0 mg/l	± 0.90 mg/l
30.0 mg/l	± 1.00 mg/l

HACH LANGE GmbH
Quality Management

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