Quality certificate
Technical data for Validation
of LCK387
(300-3000 mg/l TOC)

Quality certificate

Technical data for cuvette test LCK387

Sensitivity	0.0003 Abs./(mg/l)
Ordinate intersect	0.391 Abs.
Residual standard deviation	0.0044 Abs.
Method variation coefficient	0.96 %
Method standard deviation	15.8 mg/l
Confidence intervall (95%)	± 36.7 mg/l

The technical data for cuvette test LCK387 were determined in conformity with ISO 8466-2 „Calibration and evaluation of analytical methods and estimation of performance characteristics – Part 2".
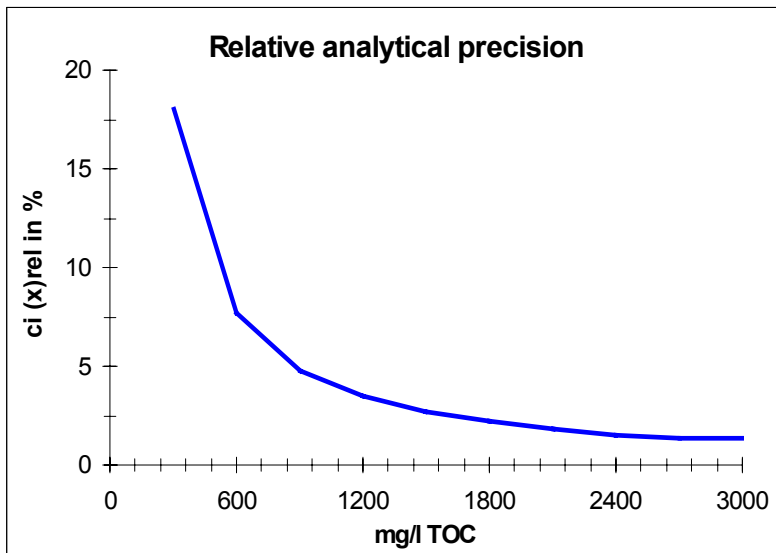
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.
The calibration gives a non-linear function.

Technical data in conformity with DIN 32645 (Blank values)

Detection limit	20.5 mg/l
Quantitation limit	61.4 mg/l

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

Relative analytical precision

Result	Confidence intervall
600 mg/l	± 46 mg/l
1200 mg/l	± 42 mg/l
1800 mg/l	± 40 mg/l
2400 mg/l	± 37 mg/l
3000 mg/l	± 40 mg/l

HACH LANGE GmbH
Quality Management

Dr. Ralf Kloos

HACH LANGE

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