

Quality certificate
 Technical data for Validation of
 LCK138; LatoN (TNb)
 (1.0 - 16.0 mg/L N)

Quality certificate
 Rev. 15-May-2018

Technical data for cuvette test LCK138

Sensitivity	0.0507 Abs./mg/L
Ordinate intercept	0.150 Abs.
Residual standard deviation	0.0048 Abs.
Method variation coefficient	1.08 %
Method standard deviation	0.095 mg/L
Confidence interval (95%)	0.229 mg/L
Correlation coefficient (r^2)	0.9998

The technical data for cuvette test LCK138 were determined in conformity with ISO 8466-2 and DIN 38402 A51 „Calibration of analysis methods“.

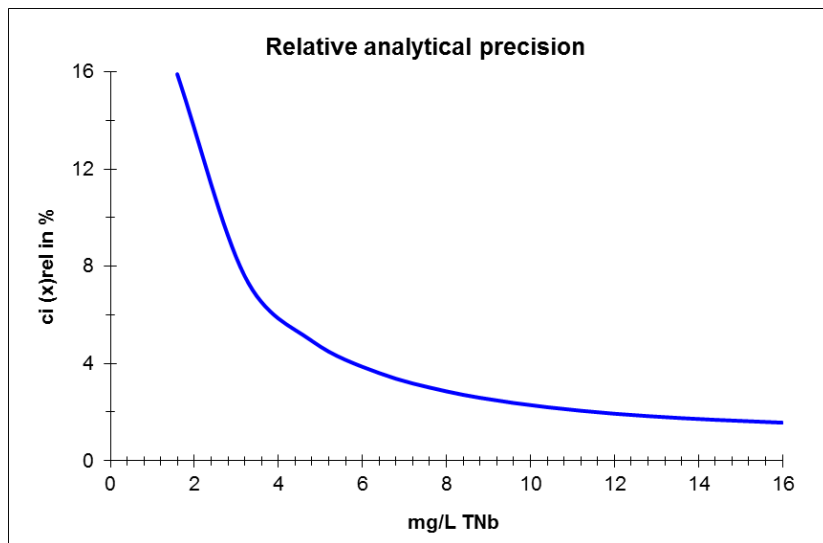
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	0.116 mg/L
Quantitation limit	0.350 mg/L

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



Result	Confidence interval (95%)
3.2 mg/L	± 0.25 mg/L
6.4 mg/L	± 0.23 mg/L
9.6 mg/L	± 0.23 mg/L
12.8 mg/L	± 0.24 mg/L
16.0 mg/L	± 0.25 mg/L

HACH LANGE GmbH
 Product Management

Dr. Ralf Kloos

HACH LANGE GmbH
 Willstätterstraße 11
 D-40549 Düsseldorf
 Tel.+49 (0)211-52 88-320
 Fax+49 (0)211-52 88-210
 Info-export@hach.com
 www.hach.com