

Quality certificate
Technical data for Validation
of LCK541 (0.005-0.1 mg/l
Nitrite)

Quality certificate

Technical data for cuvette test LCK541
(Results as NO₂)

Sensitivity	3.781 Abs./(mg/l)
Ordinate intersect	0.050 Abs.
Residual standard deviation	0.0033 Abs.
Method variation coefficient	1.61 %
Method standard deviation	0.0009 mg/l
Confidence intervall (95%)	± 0.0021 mg/l

The technical data for cuvette test LCK541 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

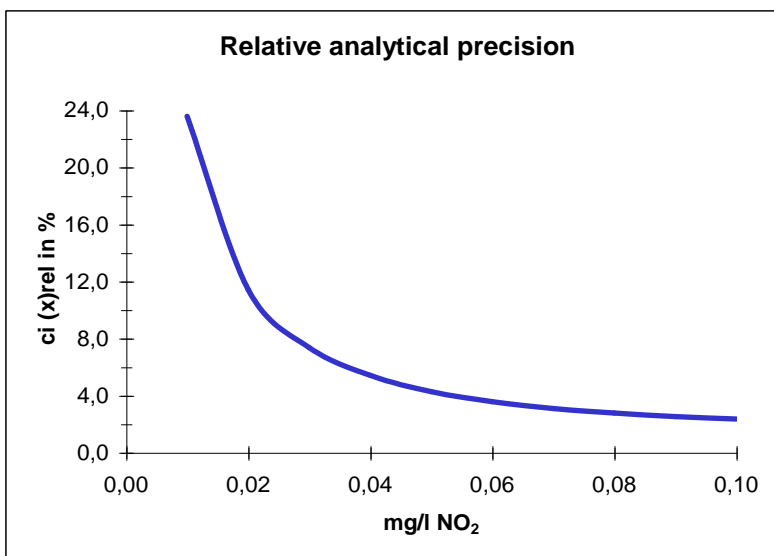
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	0.003 mg/l
Quantitation limit	0.010 mg/l

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



Result	Confidence intervall
0.02 mg/l	± 0.0023 mg/l
0.04 mg/l	± 0.0022 mg/l
0.06 mg/l	± 0.0021 mg/l
0.08 mg/l	± 0.0022 mg/l
0.10 mg/l	± 0.0024 mg/l

HACH LANGE GmbH
Quality Management

Dr. Ralf Kloos