

Quality certificate  
Technical data for Validation  
of LCK341 (0.05-2 mg/l  
Nitrite)

Quality certificate

Technical data for cuvette test LCK341  
(Results as NO<sub>2</sub>)

Sensitivity	0.638 Abs./(mg/l)
Ordinate intersect	0.077 Abs.
Residual standard deviation	0.0093 Abs.
Method variation coefficient	1.32 %
Method standard deviation	0.015 mg/l
Confidence intervall (95%)	± 0.035 mg/l

The technical data for cuvette test LCK341 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

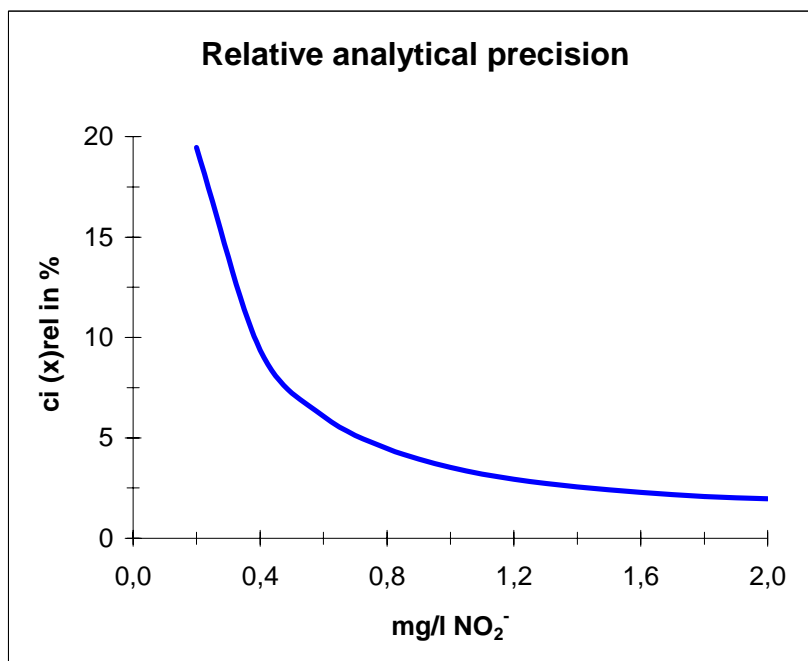
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	0.012 mg/l
Quantitation limit	0.037 mg/l

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



Result	Confidence intervall (95%)
0.40 mg/l	± 0.037 mg/l
0.80 mg/l	± 0.036 mg/l
1.20 mg/l	± 0.035 mg/l
1.60 mg/l	± 0.036 mg/l
2.00 mg/l	± 0.039 mg/l

**HACH LANGE GmbH**  
Quality Management

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