

# Quality certificate

## Technical data for Validation of APC341 (0.05-2 mg/l Nitrite) on AP

### Quality certificate

Technical data for cuvette test APC341  
(Results as NO<sub>2</sub>)

Sensitivity	0.594 Abs./(mg/L)
Ordinate intersect	0.094 Abs.
Residual standard deviation	0.0101 Abs.
Method variation coefficient	1.54 %
Method standard deviation	0.017 mg/L
Confidence interval (95%)	± 0.041 mg/L

The technical data for cuvette test APC341 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

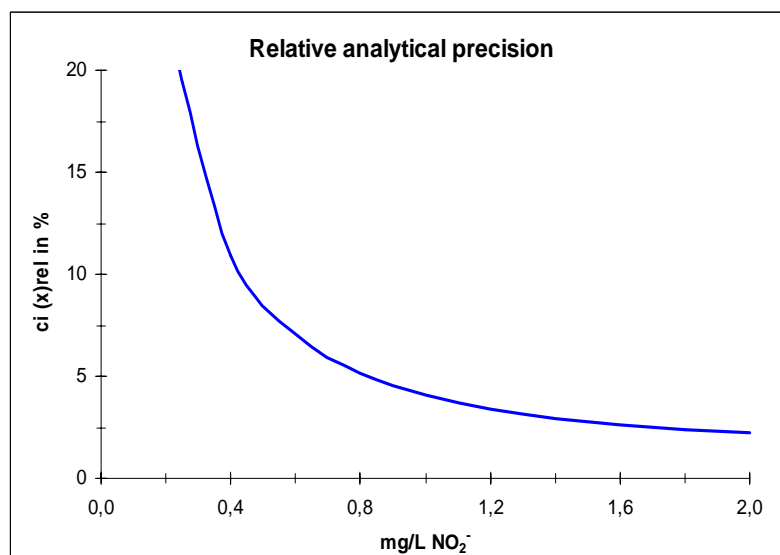
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

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 interval (95%)
0.40 mg/L	± 0.044 mg/L
0.80 mg/L	± 0.041 mg/L
1.20 mg/L	± 0.041 mg/L
1.60 mg/L	± 0.042 mg/L
2.00 mg/L	± 0.045 mg/L

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