

Quality certificate
 Technical data for Validation
 of APC303
 (2.0-47 mg/L Ammonium-
 Nitrogen) on AP

Quality certificate

Technical data for cuvette test APC303
 (Results as NH₄-N)

Sensitivity	0.0445 Abs./(mg/L)
Ordinate intersect	0.047 Abs.
Residual standard deviation	0.017 Abs.
Method variation coefficient	1.55 %
Method standard deviation	0.38 mg/L
Confidence interval (95%)	± 0.92 mg/L

The technical data for cuvette test APC303 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

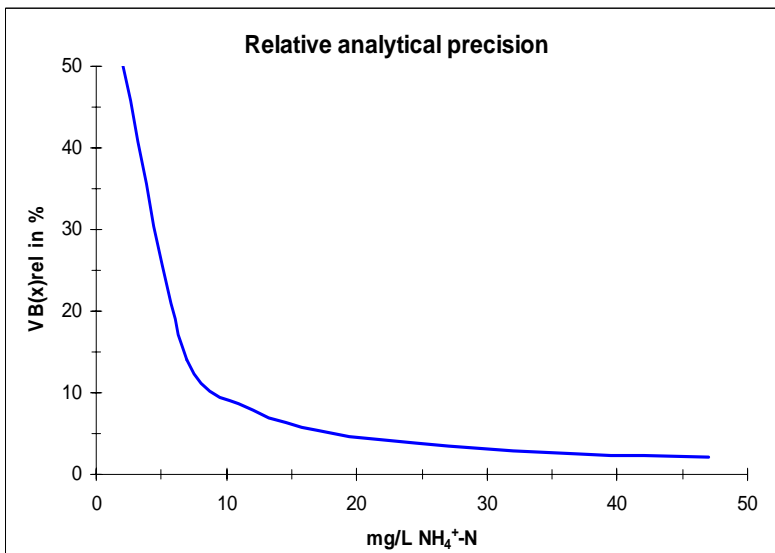
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	0.11 mg/L
Quantitation limit	0.32 mg/L

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



Result	Confidence interval (95%)
7 mg/L	± 0.98 mg/L
17 mg/L	± 0.92 mg/L
27 mg/L	± 0.92 mg/L
37 mg/L	± 0.95 mg/L
47 mg/L	± 1.01 mg/L

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