

Quality certificate
Technical data for Validation
of APC238 (5-40 mg/L TN_b)
on AP / 110°C

Quality certificate

Technical data for cuvette test APC238

Sensitivity	0.0182 Abs./(mg/L)
Ordinate intersect	0.147 Abs.
Residual standard deviation	0.0084 Abs.
Method variation coefficient	2.08 %
Method standard deviation	0.46 mg/L
Confidence intervall (95%)	± 1.11 mg/L

The technical data for cuvette test APC238 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

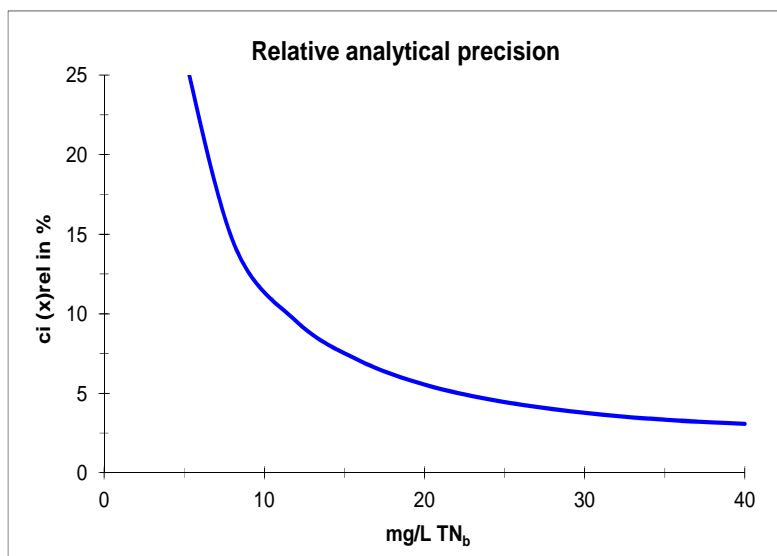
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	1.05 mg/L
Quantitation limit	3.17 mg/L

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



Result	Confidence interval (95%)
8.0 mg/L	± 1.17 mg/L
16.0 mg/L	± 1.12 mg/L
24.0 mg/L	± 1.11 mg/L
32.0 mg/L	± 1.14 mg/L
40.0 mg/L	± 1.23 mg/L

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