Quality certificate
Technical data for Validation of APC338 (20-100 mg/L TN_b) on AP / 110°C

Quality certificate

Technical data for cuvette test APC338

Sensitivity	0.0076 Abs./(mg/L)
Ordinate intersect	0.137 Abs.
Residual standard deviation	0.0011 Abs.
Method variation coefficient	2.62 %
Method standard deviation	1.41 mg/L
Confidence interval (95%)	± 3.48 mg/L

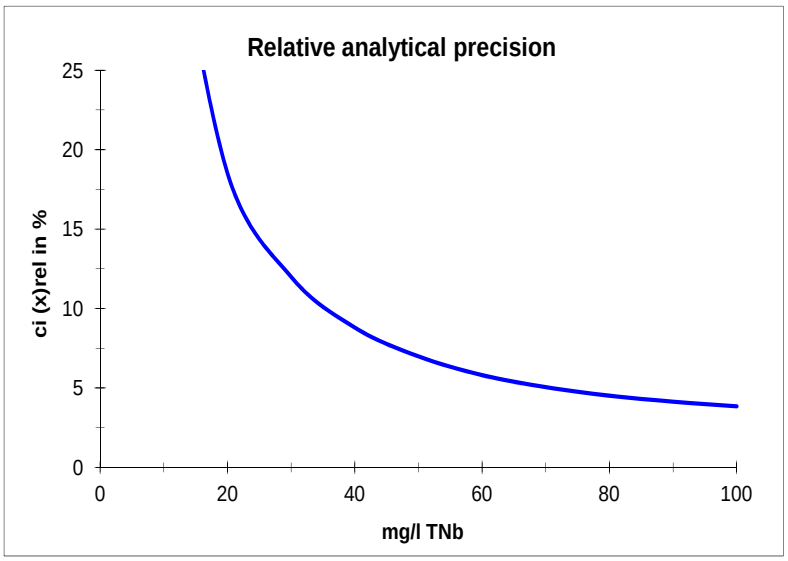
The technical data for cuvette test APC338 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

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	1.7 mg/L
Quantitation limit	5.1 mg/L

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



Result	Confidence interval (95%)
20 mg/L	± 3.7 mg/L
40 mg/L	± 3.5 mg/L
60 mg/L	± 3.5 mg/L
80 mg/L	± 3.6 mg/L
100 mg/L	± 3.8 mg/L

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