

Quality certificate
Technical data for Validation
of TNT821 (3-150 mg/L COD)

Quality certificate

Technical data for cuvette test TNT821

Sensitivity	- 0.0026 Abs./(mg/L)
Ordinate intersect	0.660 Abs.
Residual standard deviation	0.0031 Abs.
Method variation coefficient	1.43 %
Method standard deviation	1.18 mg/L
Confidence intervall (95%)	± 2.85 mg/L

The technical data for cuvette test TNT821 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

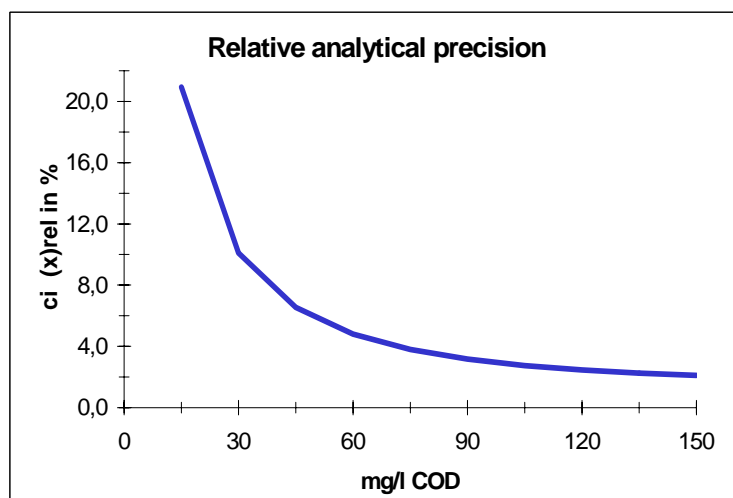
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645
(Blank cuvettes used)

Detection limit	3.2 mg/L
Quantitation limit	9.6 mg/L

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



Result	Confidence intervall (95%)
30 mg/L	± 3.14 mg/L
60 mg/L	± 2.88 mg/L
90 mg/L	± 2.85 mg/L
120 mg/L	± 2.95 mg/L
150 mg/L	± 3.15 mg/L

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Quality Management

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