

# Quality certificate

## Technical data for Validation of TNT822 (20-1500 mg/L COD)

### Quality certificate

Technical data for cuvette test TNT822

Sensitivity	0.0004 Abs./(mg/L)
Ordinate intersect	0.046 Abs.
Residual standard deviation	0.0020 Abs.
Method variation coefficient	0.66 %
Method standard deviation	5.4 mg/L
Confidence intervall (95%)	± 13.1 mg/L

The technical data for cuvette test TNT822 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

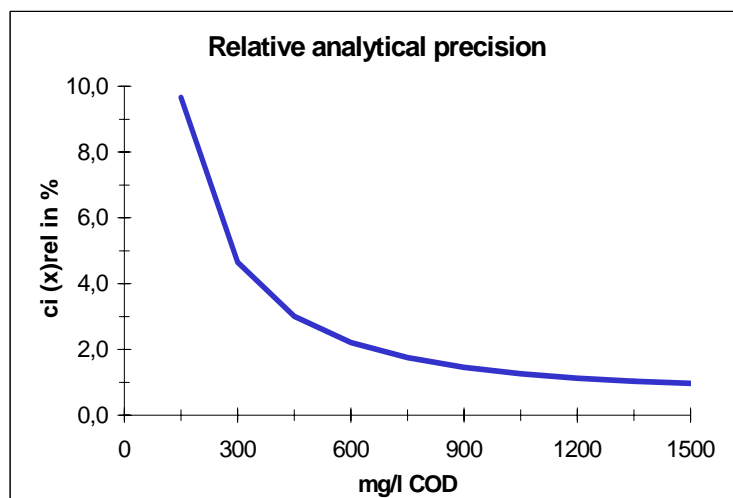
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

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

Detection limit	5.0 mg/L
Quantitation limit	15.2 mg/L

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



Result Confidence intervall (95%)

300 mg/L	± 13.9 mg/L
600 mg/L	± 13.2 mg/L
900 mg/L	± 13.1 mg/L
1200 mg/L	± 13.5 mg/L
1500 mg/L	± 14.5 mg/L

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