

# Quality certificate

## Technical data for Validation of LCK304 (0.02-2.5 mg/l Ammonium)

### Quality certificate

Technical data for cuvette test LCK304  
(Results as NH<sub>4</sub>)

Sensitivity	0.875 Abs./(mg/l)
Ordinate intersect	0.054 Abs.
Residual standard deviation	0.0044 Abs.
Method variation coefficient	0.36 %
Method standard deviation	0.005 mg/l
Confidence intervall (95%)	± 0.012 mg/l

The technical data for cuvette test LCK304 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

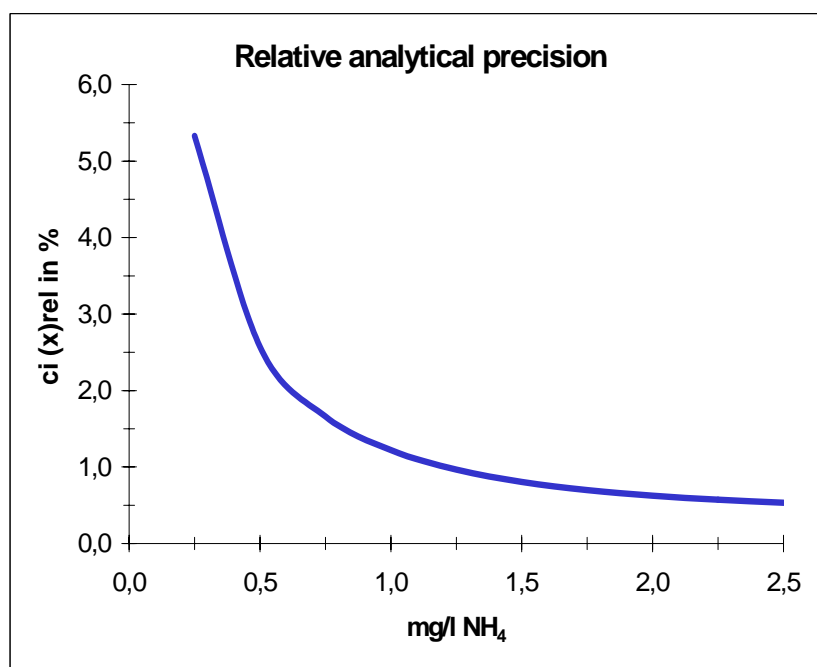
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

### Technical data in conformity with DIN 32645

Detection limit	0.005 mg/l
Quantitation limit	0.015 mg/l

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



Result	Confidence intervall (95%)
0.5 mg/l	± 0.0128 mg/l
1.0 mg/l	± 0.0122 mg/l
1.5 mg/l	± 0.0121 mg/l
2.0 mg/l	± 0.0125 mg/l
2.5 mg/l	± 0.0133 mg/l

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