

Quality certificate
 Technical data for Validation
 of LCK305 (1.3-15 mg/l
 Ammonium)

Quality certificate

Technical data for cuvette test LCK305
 (Results as NH₄)

Sensitivity	0.140 Abs./(mg/l)
Ordinate intersect	0.092 Abs.
Residual standard deviation	0.0019 Abs.
Method variation coefficient	1.63 %
Method standard deviation	0.13 mg/l
Confidence intervall (95%)	± 0.33 mg/l

The technical data for cuvette test LCK305 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

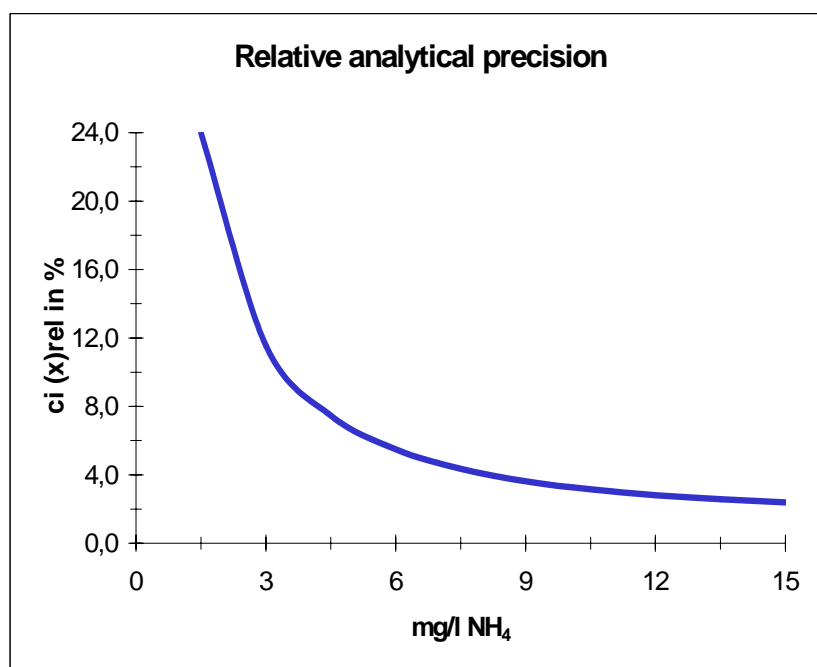
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	0.033 mg/l
Quantitation limit	0.099 mg/l

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



Result	Confidence intervall (95%)
3.0 mg/l	± 0.35 mg/l
6.0 mg/l	± 0.33 mg/l
9.0 mg/l	± 0.33 mg/l
12.0 mg/l	± 0.34 mg/l
15.0 mg/l	± 0.36 mg/l

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 Quality Management

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