

Quality certificate
 Technical data for Validation
 of LCK303
 (2.5-60 mg/l Ammonium)

Quality certificate

Technical data for cuvette test LCK303
 (Results as NH₄)

Sensitivity	0.0357 Abs./(mg/l)
Ordinate intersect	0.058 Abs.
Residual standard deviation	0.0121 Abs.
Method variation coefficient	1.03 %
Method standard deviation	0.3 mg/l
Confidence intervall (95%)	± 0.8 mg/l

The technical data for cuvette test LCK303 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

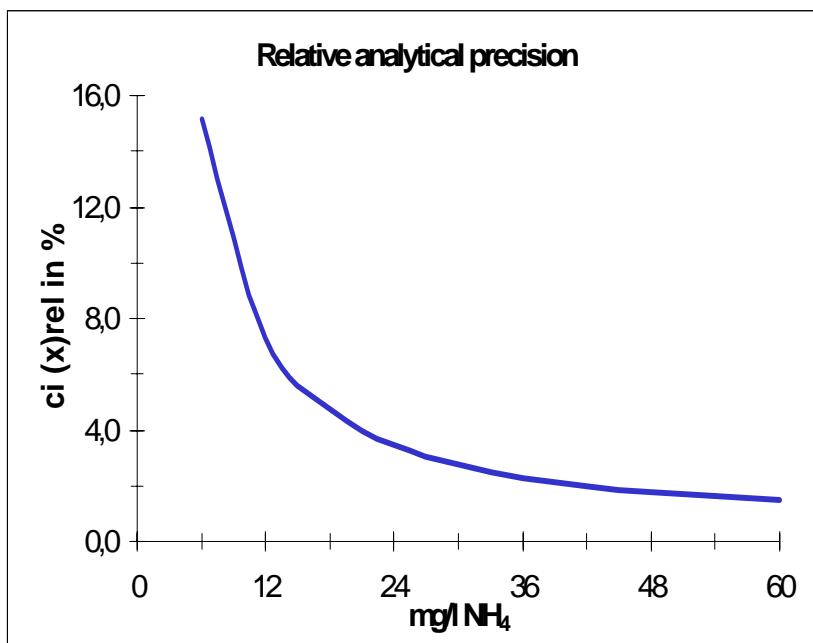
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	0.17 mg/l
Quantitation limit	0.50 mg/l

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



Result	Confidence intervall (95%)
12 mg/l	± 0.87 mg/l
24 mg/l	± 0.83 mg/l
36 mg/l	± 0.82 mg/l
48 mg/l	± 0.85 mg/l
60 mg/l	± 0.91 mg/l

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 Quality Management

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