

Quality certificate
 Technical data for Validation of
 LCK502 Ammonium
 (100 - 1800 mg/L NH₄-N)

Quality certificate
 Rev. 03-September-2019

Technical data for cuvette test LCK502

Sensitivity	0.0062Abs./mg/L
Ordinate intercept	0.095 Abs.
Residual standard deviation	0.0101 Abs.
Method variation coefficient	1.80 %
Method standard deviation	16.4 mg/L
Confidence interval (95%)	35.7 mg/L

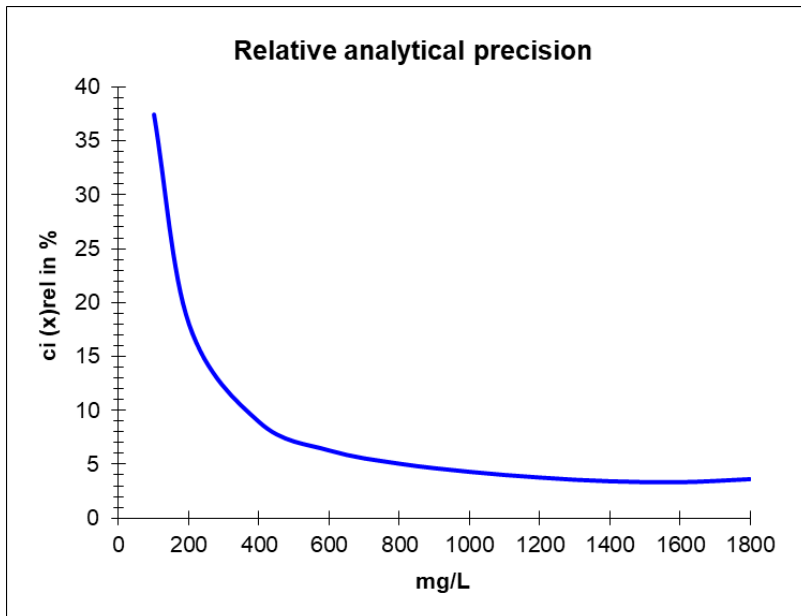
The technical data for cuvette test LCK502 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

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

Technical data in conformity with DIN 32645

Detection limit	8.6 mg/L
Quantitation limit	27.8 mg/L

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



Result	Confidence interval (95%)
200 mg/L	± 36.0 mg/L
600 mg/L	± 37.7 mg/L
1000 mg/L	± 43.1 mg/L
1400 mg/L	± 48.1 mg/L
1800 mg/L	± 65.4 mg/L

HACH LANGE GmbH
 Product Management

Dr. Ralf Kloos

HACH LANGE GmbH
 Willstätterstraße 11
 D-40549 Düsseldorf
 Tel.+49 (0)211-52 88-320
 Fax+49 (0)211-52 88-210
 Info-export@hach.com
 www.hach.com