

Quality certificate
Technical data for Validation
of LCK337 (0.1-6.0 mg/l
Nickel)

Quality certificate

Technical data for cuvette test LCK337

Sensitivity	0.239 Abs./(mg/l)
Ordinate intersect	0.044 Abs.
Residual standard deviation	0.0037 Abs.
Method variation coefficient	0.47 %
Method standard deviation	0.016 mg/l
Confidence intervall (95%)	± 0.038 mg/l

The technical data for cuvette test LCK337 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

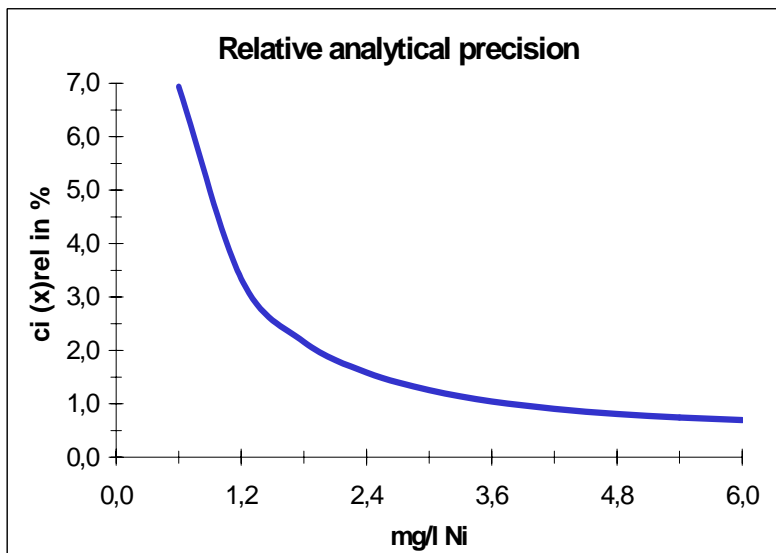
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	0.017 mg/l
Quantitation limit	0.050 mg/l

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



Result	Confidence intervall (95%)
1.20 mg/l	± 0.040 mg/l
2.40 mg/l	± 0.038 mg/l
3.60 mg/l	± 0.038 mg/l
4.80 mg/l	± 0.038 mg/l
6.00 mg/l	± 0.041 mg/l

HACH LANGE GmbH
Quality Management

Dr. Ralf Kloos