

Quality certificate  
 Technical data for Validation  
 of LCK237 (5-120 g/l Nickel  
 Bath )

Quality certificate

Technical data for cuvette test LCK237

Sensitivity	0.011 Abs./(g/l)
Ordinate intersect	0.039 Abs.
Residual standard deviation	0.0043 Abs.
Method variation coefficient	0.75 %
Method standard deviation	0.40 g/l
Confidence intervall (95%)	± 0.98 g/l

The technical data for cuvette test LCK237 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

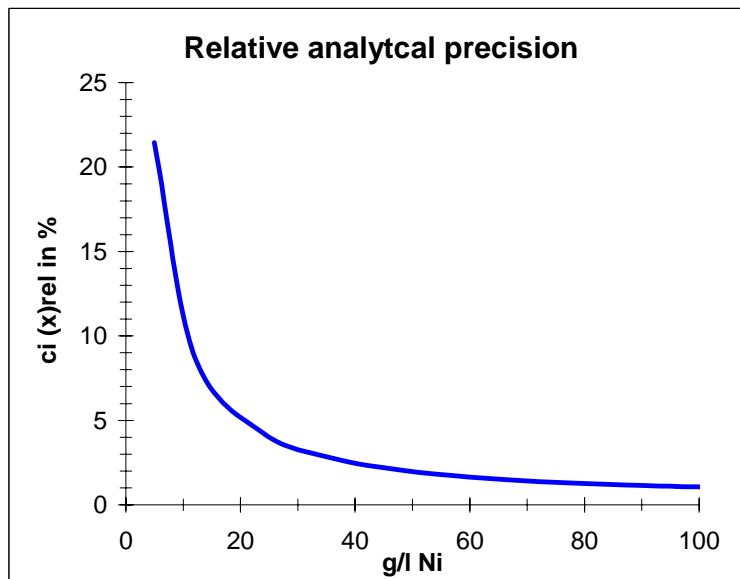
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	0.13 g/l
Quantitation limit	0.40 g/l

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



Result	Confidence intervall (95%)
12 g/l	± 1.05 g/l
24 g/l	± 1.02 g/l
60 g/l	± 0.98 g/l
84 g/l	± 1.02 g/l
105 g/l	± 1.08 g/l

**HACH LANGE GmbH**  
**Quality Management**

**Dr. Ralf Kloos**