

Quality certificate
Technical data for Validation
of LCK537 (0.05-1.0 mg/l
Nickel-Trace)

Quality certificate

Technical data for cuvette test LCK537

Sensitivity	0.995 Abs./(mg/l)
Ordinate intersect	0.000 Abs.
Residual standard deviation	0.0034 Abs.
Method variation coefficient	0.63 %
Method standard deviation	0.003 mg/l
Confidence intervall (95%)	± 0.008 mg/l

The technical data for cuvette test LCK537 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

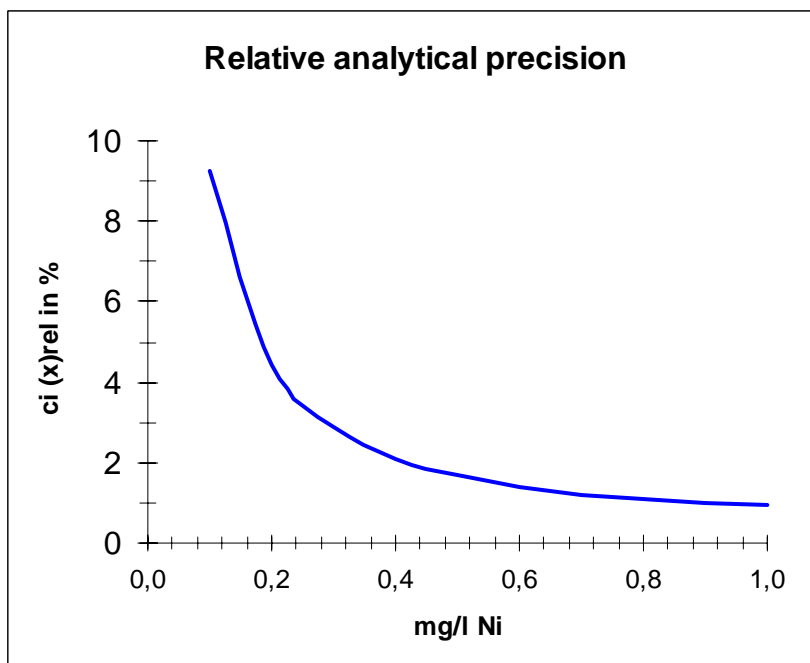
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	0.006 mg/l
Quantitation limit	0.018 mg/l

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



Result	Confidence intervall (95%)
0.20 mg/l	± 0.009 mg/l
0.40 mg/l	± 0.008 mg/l
0.60 mg/l	± 0.008 mg/l
0.80 mg/l	± 0.009 mg/l
1.00 mg/l	± 0.009 mg/l

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Quality Management

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