Quality certificate
Technical data for Validation
of LCK313 (0.03-1.0 mg/l
Chromium III and VI)

Quality certificate

Technical data for cuvette test LCK313

Sensitivity	0.851 Abs./(mg/l)
Ordinate intersect	0.045 Abs.
Residual standard deviation	0.0067 Abs.
Method variation coefficient	1.44 %
Method standard deviation	0.008 mg/l
Confidence intervall (95%)	± 0.019 mg/l

The technical data for cuvette test LCK313 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods".
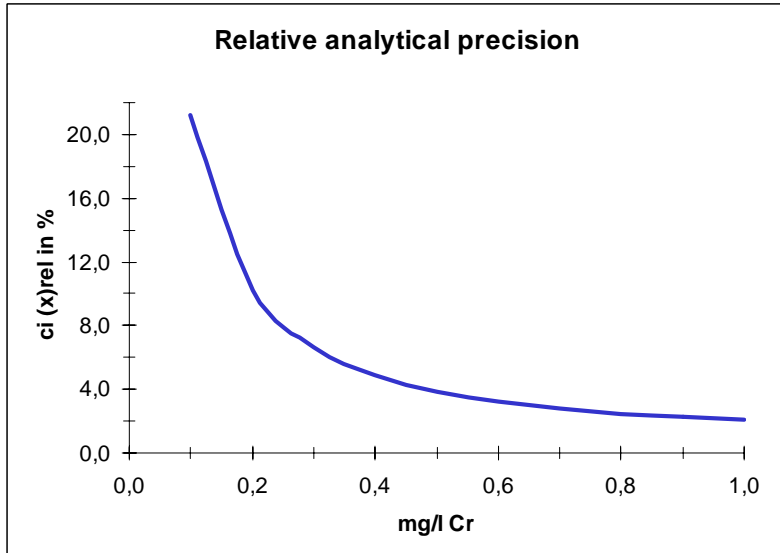
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.
The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	0.003 mg/l
Quantitation limit	0.008 mg/l

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

Relative analytical precision

Result	Confidence intervall (95%)
0.20 mg/l	± 0.020 mg/l
0.40 mg/l	± 0.019 mg/l
0.60 mg/l	± 0.019 mg/l
0.80 mg/l	± 0.020 mg/l
1.00 mg/l	± 0.021 mg/l

**HACH LANGE GmbH
Quality Management**

Dr. Ralf Kloos

UNITED FOR WATER QUALITY