

Quality certificate  
 Technical data for Validation  
 of LCK153  
 (40-150 mg/l Sulfate)

Quality certificate

Technical data for cuvette test LCK153

Sensitivity	0.0032 Abs./(mg/l)
Ordinate intersect	0.043 Abs.
Residual standard deviation	0.0086 Abs.
Method variation coefficient	2.91 %
Method standard deviation	2.7 mg/l
Confidence intervall (95%)	± 6.5 mg/l

The technical data for cuvette test LCK153 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

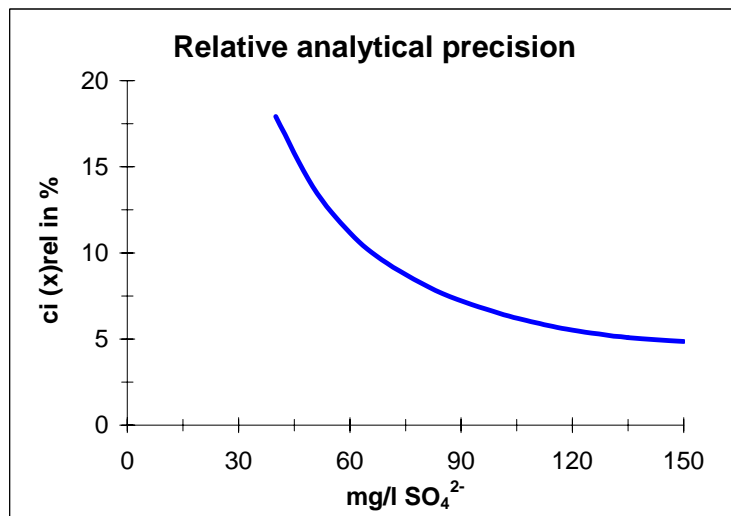
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	0.7 mg/l
Quantitation limit	2.1 mg/l

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



Result	Confidence intervall (95%)
40 mg/l	± 7.2 mg/l
70 mg/l	± 6.6 mg/l
100 mg/l	± 6.5 mg/l
120 mg/l	± 6.6 mg/l
150 mg/l	± 7.3 mg/l

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

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