

Quality certificate  
Technical data for Validation  
of LCK350 (2-20 mg/l P<sub>tot</sub>,  
Total Phosphor)

Quality certificate

Technical data for cuvette test LCK350  
(Results as PO<sub>4</sub>-P)

Sensitivity	0.049 Abs./(mg/l)
Ordinate intersect	0.107 Abs.
Residual standard deviation	0.0045 Abs.
Method variation coefficient	0.83 %
Method standard deviation	0.091 mg/l
Confidence interval (95%)	± 0.221 mg/l

The technical data for cuvette test LCK350 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

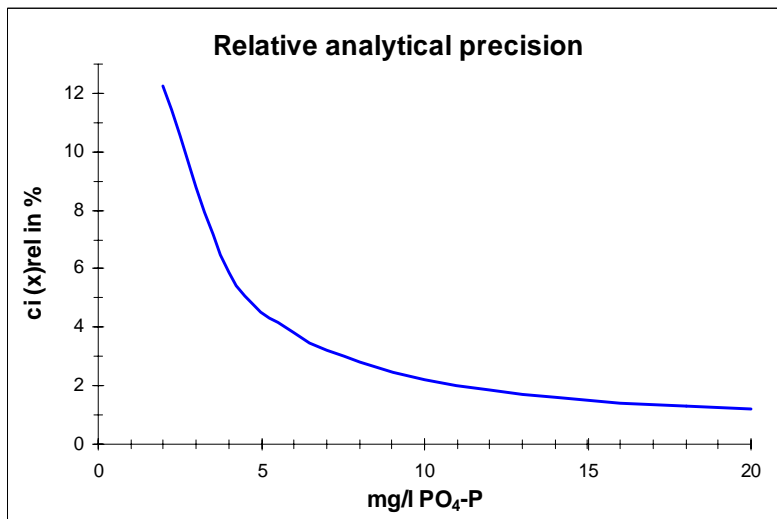
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	0.052 mg/l
Quantitation limit	0.156 mg/l

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



Result	Confidence interval (95%)
4.0 mg/l	± 0.235 mg/l
8.0 mg/l	± 0.224 mg/l
12.0 mg/l	± 0.221 mg/l
16.0 mg/l	± 0.228 mg/l
20.0 mg/l	± 0.245 mg/l

**HACH LANGE GmbH**  
Quality Management

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