

Quality certificate  
 Technical data for Validation  
 of LCK349 (0.05-1.5 mg/l  
 P<sub>tot</sub>, Total Phosphor)

Quality certificate

Technical data for cuvette test LCK349  
 (Results as PO<sub>4</sub>-P)

Sensitivity	0.605 Abs./(mg/l)
Ordinate intersect	0.110 Abs.
Residual standard deviation	0.0025 Abs.
Method variation coefficient	0.59 %
Method standard deviation	0.004mg/l
Confidence interval (95%)	± 0.010 mg/l

The technical data for cuvette test LCK349 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

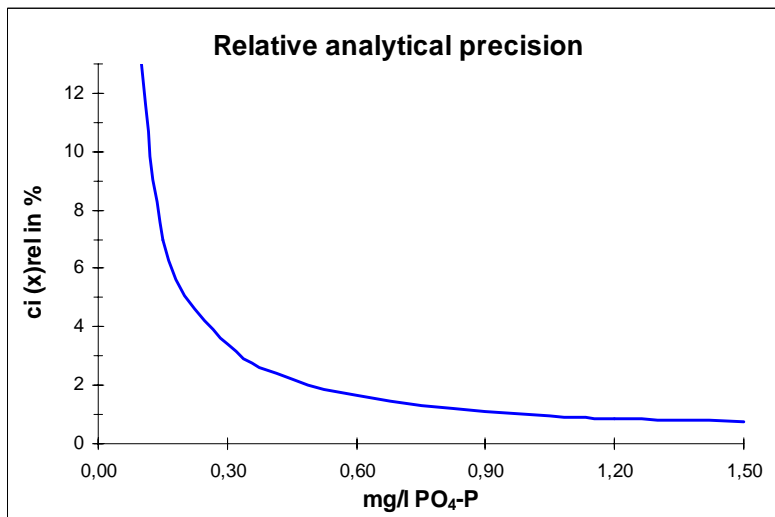
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	0.007 mg/l
Quantitation limit	0.020 mg/l

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



Result	Confidence interval (95%)
0.3 mg/l	± 0.0102 mg/l
0.6 mg/l	± 0.0099 mg/l
0.9 mg/l	± 0.0099 mg/l
1.2 mg/l	± 0.0104 mg/l
1.5 mg/l	± 0.0112 mg/l

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

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