

Quality certificate  
 Technical data for Validation  
 of LCK348 (0.5-5.0 mg/l Ptot,  
 Total Phosphor)

Quality certificate

Technical data for cuvette test LCK348  
 (Results as PO<sub>4</sub>-P)

Sensitivity	0.152 Abs./(mg/l)
Ordinate intersect	0.113 Abs.
Residual standard deviation	0.0028 Abs.
Method variation coefficient	0.67 %
Method standard deviation	0.018 mg/l
Confidence interval (95%)	± 0.045 mg/l

The technical data for cuvette test LCK348 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

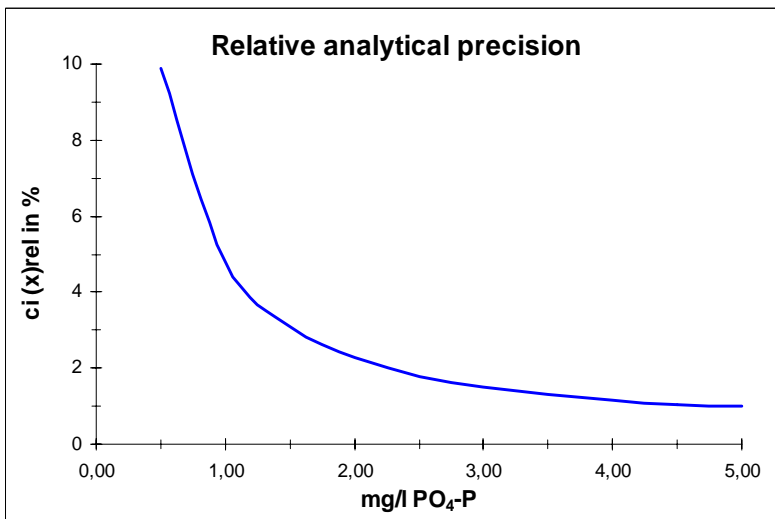
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	0.041 mg/l
Quantitation limit	0.123 mg/l

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



Result	Confidence interval (95%)
1.0 mg/l	± 0.048 mg/l
2.0 mg/l	± 0.045 mg/l
3.0 mg/l	± 0.045 mg/l
4.0 mg/l	± 0.046 mg/l
5.0 mg/l	± 0.049 mg/l

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

  
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