

Quality certificate  
Technical data for Validation  
of LCK049 (5-90 mg/l PO<sub>4</sub>,  
Orthophosphate)

Quality certificate

Technical data for cuvette test LCK049  
(Results as PO<sub>4</sub>)

Sensitivity	0.010 Abs./(mg/l)
Ordinate intersect	0.059 Abs.
Residual standard deviation	0.0078 Abs.
Method variation coefficient	1.64 %
Method standard deviation	0.74 mg/l
Confidence intervall (95%)	± 1.80 mg/l

The technical data for cuvette test LCK049 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

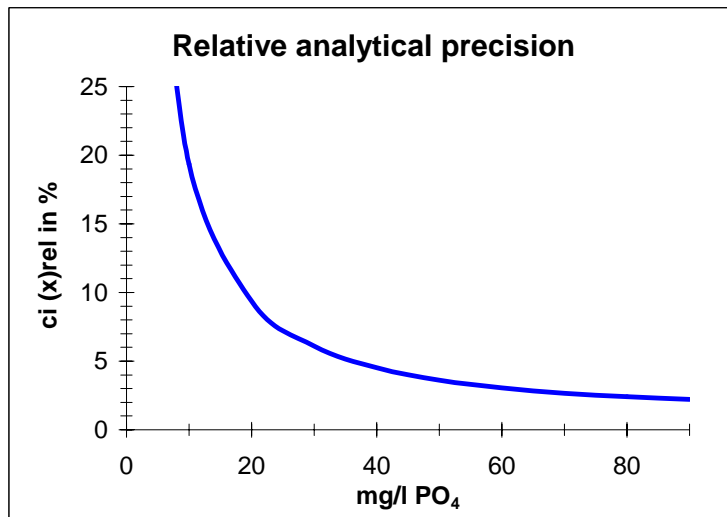
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	0.14 mg/l
Quantitation limit	0.44 mg/l

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



Result	Confidence intervall (95%)
10.0 mg/l	± 1.93 mg/l
30.0 mg/l	± 1.83 mg/l
50.0 mg/l	± 1.81 mg/l
70.0 mg/l	± 1.86 mg/l
90.0 mg/l	± 1.99 mg/l

**HACH LANGE GmbH**  
Quality Management

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