

Quality certificate
Technical data for Validation
of APC348 (0.5-5.0 mg/L
P_{tot}, Total Phosphor) on AP /
110°C

Quality certificate

Technical data for cuvette test APC348
(Results as PO₄-P)

Sensitivity	0.159 Abs./(mg/L)
Ordinate intersect	0.130 Abs.
Residual standard deviation	0.0043 Abs.
Method variation coefficient	0.98 %
Method standard deviation	0.027 mg/L
Confidence interval (95%)	± 0.065 mg/L

The technical data for cuvette test APC348 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

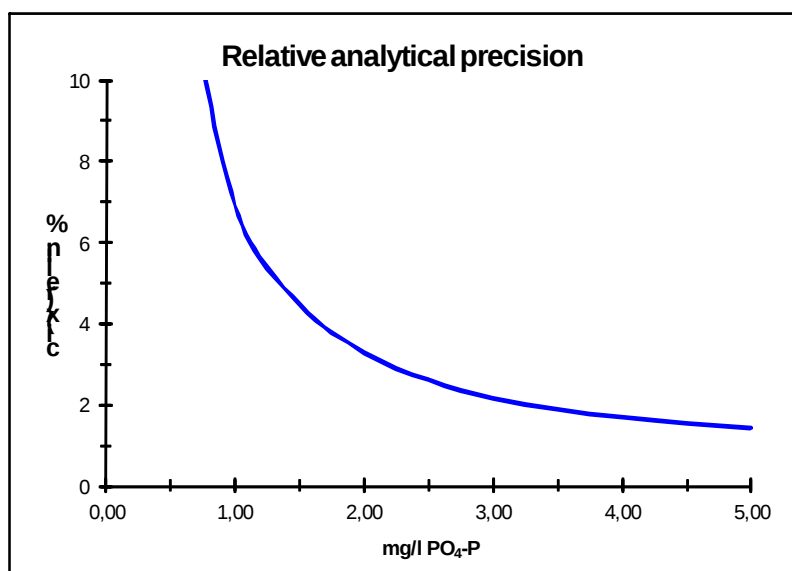
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	0.035 mg/L
Quantitation limit	0.104 mg/L

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



Result	Confidence interval (95%)
1.0 mg/L	± 0.069 mg/L
2.0 mg/L	± 0.066 mg/L
3.0 mg/L	± 0.065 mg/L
4.0 mg/L	± 0.067 mg/L
5.0 mg/L	± 0.071 mg/L

HACH LANGE GmbH
BU Lab Application


Dr. Ralf Kloos