

Quality certificate
Technical data for Validation
of LCK365 (50-2500 mg/l
Organic acid)

Quality certificate

Technical data for cuvette test LCK365
(Results as Acetic acid)

Sensitivity	0.0004 Abs./(mg/l)
Ordinate intersect	0.067 Abs.
Residual standard deviation	0.0074 Abs.
Method variation coefficient	1.32 %
Method standard deviation	18.2 mg/l
Confidence intervall (95%)	± 44.1 mg/l

The technical data for cuvette test LCK365 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

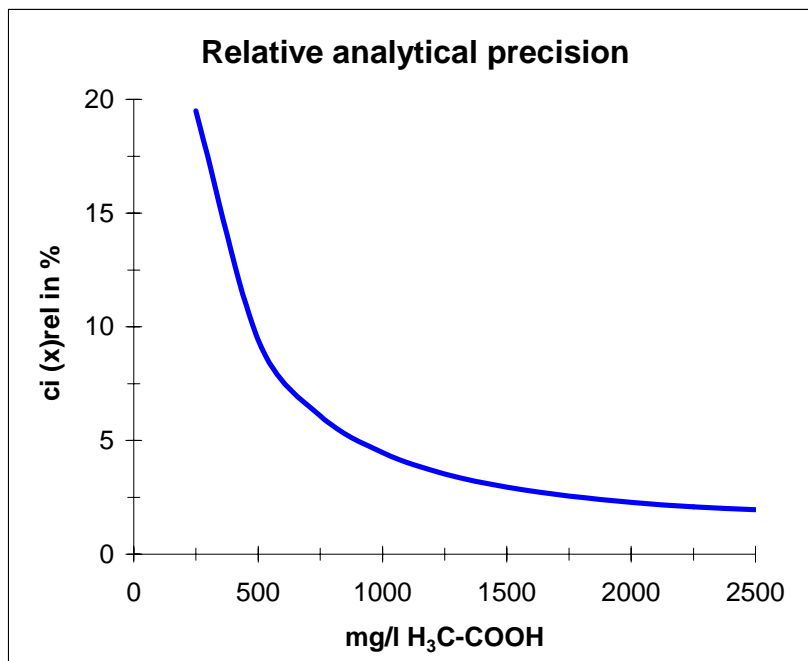
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	5.2 mg/l
Quantitation limit	15.7 mg/l

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



Result	Confidence intervall
500 mg/l	± 47.0 mg/l
1000 mg/l	± 44.6 mg/l
1500 mg/l	± 44.1 mg/l
2000 mg/l	± 45.6 mg/l
2500 mg/l	± 48.8 mg/l

HACH LANGE GmbH
Quality Management

Dr. Ralf Kloos