

Quality certificate  
 Technical data for Validation of  
 LCK1814; COD in Saltwater  
 (7 – 70 mg/L COD)

Quality certificate  
 Rev. 28-Nov-2018

Data for use of thermostat LT200 with  
 7.5 g/L Chloride content

Technical data for cuvette test LCK1814

Sensitivity	-0.0171 Abs./mg/L
Ordinate intercept	1.503 Abs.
Residual standard deviation	0.0060 Abs.
Method variation coefficient	0.91 %
Method standard deviation	0.35 mg/L
Confidence interval (95%)	0.85 mg/L
Correlation coefficient ( $r^2$ )	-0.9998

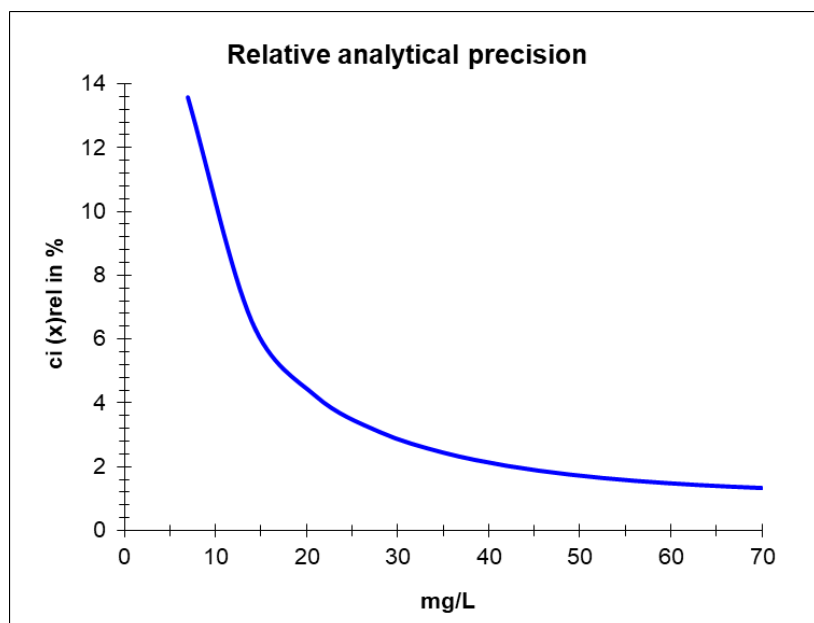
The technical data for cuvette test LCK1814 were determined in conformity with ISO 8466-2 and DIN 38402 A51 „Calibration of analysis methods“.

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	1.40 mg/L
Quantitation limit	4.20 mg/L

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



Result	Confidence interval (95%)
14 mg/L	± 0.92 mg/L
28 mg/L	± 0.86 mg/L
42 mg/L	± 0.85 mg/L
56 mg/L	± 0.87 mg/L
70 mg/L	± 0.93 mg/L

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