

Quality certificate
Technical data for Validation of
LCK1914; COD in Saltwater
(250 – 1000 mg/L COD)

Quality certificate
Rev. 08-March-2023

Technical data for cuvette test LCK1914

Sensitivity	0.00039 Abs./mg/L
Ordinate intercept	0.039 Abs.
Residual standard deviation	0.0017 Abs.
Method variation coefficient	0.71 %
Method standard deviation	4.3 mg/L
Confidence interval (95%)	10.8 mg/L
Correlation coefficient (r^2)	0.9998

The technical data for cuvette test LCK1914 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

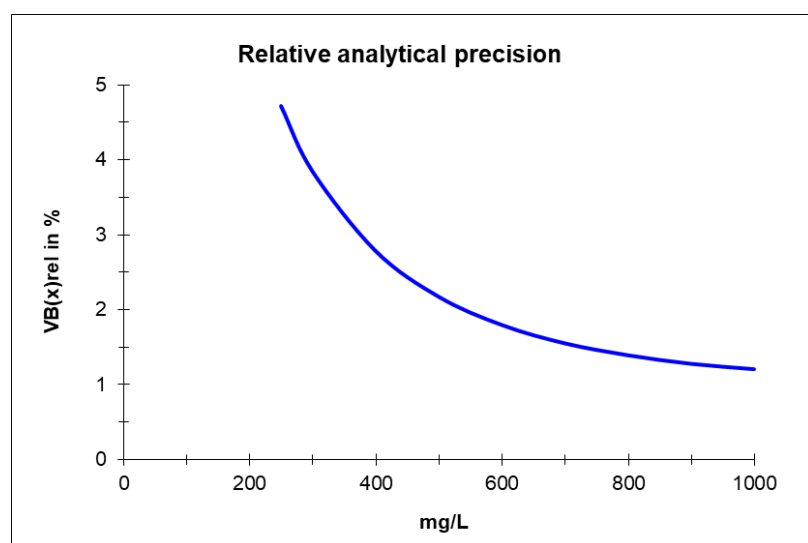
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	4.3 mg/L
Quantitation limit	13.0 mg/L

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



Result	Confidence interval (95%)
250 mg/L	± 11.8 mg/L
400 mg/L	± 11.1 mg/L
600 mg/L	± 10.8 mg/L
800 mg/L	± 11.1 mg/L
1000 mg/L	± 12.0 mg/L

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