

Quality certificate
Technical data for Validation
of LCK331 (0.2-2.0 mg/l
cationic. Surfactants)

Quality certificate

Technical data for cuvette test LCK331

Sensitivity	0.175 Abs./(mg/l)
Ordinate intersect	0.040 Abs.
Residual standard deviation	0.0064 Abs.
Method variation coefficient	3.35 %
Method standard deviation	0.037 mg/l
Confidence intervall (95%)	± 0.089 mg/l

The technical data for cuvette test LCK331 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

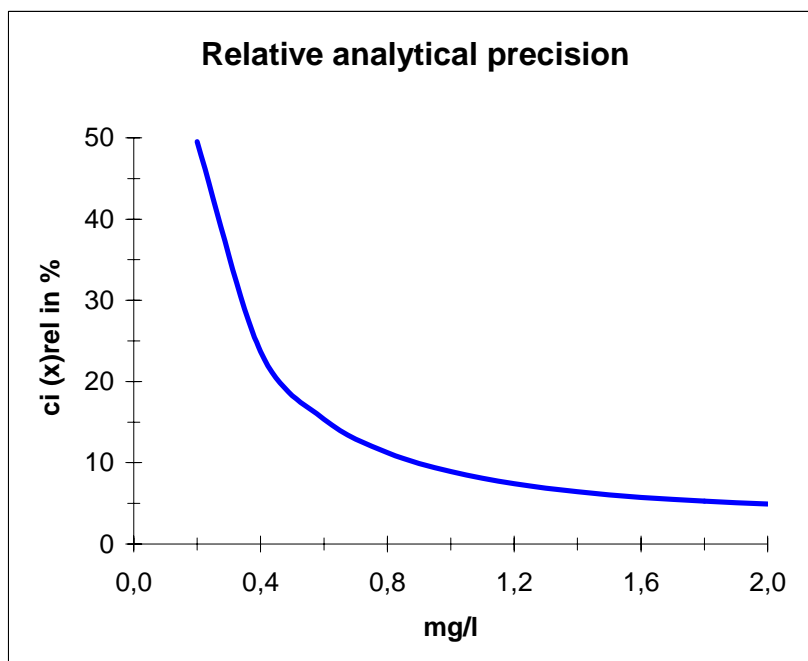
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

Detection limit	0.043 mg/l
Quantitation limit	0.129 mg/l

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



Result	Confidence intervall (95%)
0.40 mg/l	± 0.094 mg/l
0.80 mg/l	± 0.090 mg/l
1.20 mg/l	± 0.089 mg/l
1.60 mg/l	± 0.092 mg/l
2.00 mg/l	± 0.099 mg/l

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Quality Management

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