

# Quality certificate

## Technical data for Validation of LCK332 (0.05 - 2.0 mg/L anionic Surfactants)

### Quality certificate

Technical data for cuvette test LCK332

Sensitivity	0.361 Abs./(mg/L)
Ordinate intersect	0.083 Abs.
Residual standard deviation	0.0028 Abs.
Method variation coefficient	0.79 %
Method standard deviation	0.008 mg/L
Confidence intervall (95%)	± 0.019 mg/L

The technical data for cuvette test LCK332 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

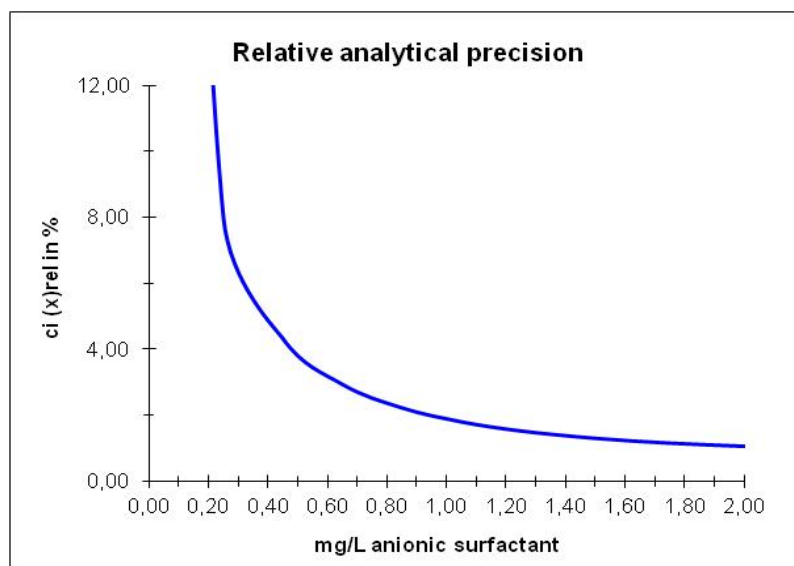
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

### Technical data in conformity with DIN 32645

Detection limit	0.009 mg/L
Quantitation limit	0.026 mg/L

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



Result	Confidence intervall (95%)
0.40 mg/L	± 0.019 mg/L
0.80 mg/L	± 0.019 mg/L
1.20 mg/L	± 0.019 mg/L
1.60 mg/L	± 0.019 mg/L
2.00 mg/L	± 0.021 mg/L

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