

Quality certificate  
Technical data for Validation  
of LCK315  
(0.01-0.6 mg/l Cyanide)

Quality certificate

Technical data for cuvette test LCK315

|                              |                   |
|------------------------------|-------------------|
| Sensitivity                  | 2.725 Abs./(mg/l) |
| Ordinate intersect           | 0.059 Abs.        |
| Residual standard deviation  | 0.0074 Abs.       |
| Method variation coefficient | 0.82 %            |
| Method standard deviation    | 0.003 mg/l        |
| Confidence intervall (95%)   | $\pm 0.007$ mg/l  |

The technical data for cuvette test LCK315 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

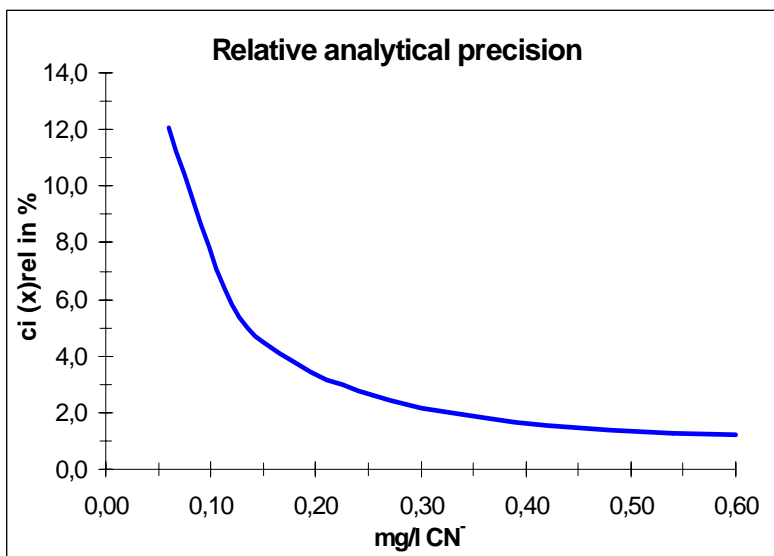
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

|                    |            |
|--------------------|------------|
| Detection limit    | 0.002 mg/l |
| Quantitation limit | 0.007 mg/l |

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



| Result    | Confidence intervall (95%) |
|-----------|----------------------------|
| 0.12 mg/l | $\pm 0.007$ mg/l           |
| 0.24 mg/l | $\pm 0.007$ mg/l           |
| 0.36 mg/l | $\pm 0.007$ mg/l           |
| 0.48 mg/l | $\pm 0.007$ mg/l           |
| 0.60 mg/l | $\pm 0.007$ mg/l           |

**HACH LANGE GmbH**  
Quality Management

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