

Quality certificate  
Technical data for Validation  
of LCK213 (0.5-5.0 g/l CrO<sub>3</sub>,  
Chromic Acid Baths)

Quality certificate

Technical data for cuvette test LCK213

|                              |                  |
|------------------------------|------------------|
| Sensitivity                  | 0.076 Abs./(g/l) |
| Ordinate intersect           | 0.038 Abs.       |
| Residual standard deviation  | 0.0006 Abs.      |
| Method variation coefficient | 0.29 %           |
| Method standard deviation    | 0.008 g/l        |
| Confidence intervall (95%)   | ± 0.019 g/l      |

The technical data for cuvette test LCK213 were determined in conformity with ISO 8466-1 and DIN 38402 A51 „Calibration of analysis methods“.

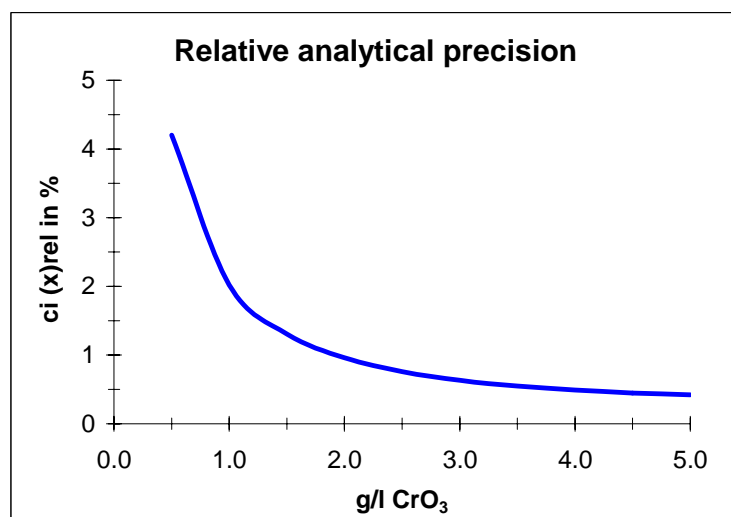
The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Technical data in conformity with DIN 32645

|                    |           |
|--------------------|-----------|
| Detection limit    | 0.016 g/l |
| Quantitation limit | 0.050 g/l |

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



| Result  | Confidence intervall (95%) |
|---------|----------------------------|
| 1.0 g/l | ± 0.020 g/l                |
| 2.0 g/l | ± 0.019 g/l                |
| 3.0 g/l | ± 0.019 g/l                |
| 4.0 g/l | ± 0.020 g/l                |
| 5.0 g/l | ± 0.021 g/l                |

**HACH LANGE GmbH**  
Quality Management

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