

# Quality Certificate

## Technical Data for Validation of High Range Hardness Chemkey® Reagents

### Quality Certificate

Technical Data for High Range Hardness Chemkeys:

Part Number	8636300
Sensitivity	n/a
Ordinate intersect	n/a
Relative Standard Deviation	< 10% at 250 mg/L
Accuracy	< ± 10% at 250 mg/L
Correlation Coefficient (r <sup>2</sup> )	> 0.990

The detection and the quantitation limits were determined in conformity with USEPA method 40 CFR Appendix B to Part 136, Revision 1.11.

Range (mg/L CaCO <sub>3</sub> )	90 - 750
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The series of the smallest and largest calibration standards exhibit normal distribution and are outlier- and trend-free.

The calibration gives a linear function.

Results are certified for eighteen months after manufacture date when stored at 25°C or below.

Result	Precision Confidence Interval (95%)
250 mg/L	± 9 mg/L
750 mg/L	± 17 mg/L



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