## **Quality Certificate**

Technical Data for Low Range Hardness Chemkeys:

Part Number	8636400
Sensitivity	n/a
Ordinate intersect	n/a
Relative Standard Deviation	< 10% at 50 mg/L
Accuracy	< ± 10% at 50 mg/L
Correlation Coefficient (r²)	> 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> )	3 – 100
Detection limit	< 2.0 mg/L

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%)
10 mg/L	± 1.4 mg/L
50 ma/L	$\pm$ 4.8 mg/L

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Part number: 8636400, Revision 2