

Quality Certificate

Technical Data for Validation of Monochloramine Chemkey® Reagents

Quality Certificate

Technical data for Monochloramine Chemkeys:

Part Number	9429400
Sensitivity	0.173 Abs./(mg/L)
Ordinate Intersect	0.003 mg/L
Relative Standard Deviation	< 3.0% at 2.00 mg/L
Accuracy	< ± 8% at 2.00 mg/L
Correlation Coefficient (r ²)	> 0.999

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 as Cl ₂)	0.04 – 4.00
Detection limit	< 0.03 mg/L
Quantitation limit	< 0.09 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 twelve months after manufacture date when stored at 25°C or below.

Result	Precision Confidence Interval (95%)
2.06 mg/l	± 0.07 mg/L
4.11 mg/l	± 0.12 mg/L



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