



Specification

1.09990.0001 Silver nitrate solution for 1000 ml, $c(\text{AgNO}_3) = 0.1 \text{ mol/l}$ (0.1 N) Titrisol®

Concentration after dilution to 1 liter: $c(\text{AgNO}_3) = 0.1 \text{ mol/l}$

	Specification
Amount-of-substance concentration	0.1000 mol/l

Determination method: Argentometric titration.

The concentration of this solution was determined with volumetric standard sodium chloride (article number 1.02406). The determined titer at 20°C was 1.000 with an expanded measurement uncertainty of ± 0.004 ($k=2$ coverage factor for 95% coverage probability). The certified value is traceable to primary standard NIST SRM 999c (NIST: National Institute of Standards and Technology, USA) by means of volumetric standard sodium chloride, measured in the accredited calibration laboratory of Merck KGaA, Darmstadt, Germany in accordance to DIN EN ISO/IEC 17025.

Ayfer Yildirim

Responsible laboratory manager quality control

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