



Specification

1.09992.0001 Titriplex® III solution for 1000 ml, $c(\text{Na}_2\text{-EDTA} \cdot 2 \text{H}_2\text{O}) = 0.1 \text{ mol/l}$ Titrisol®

Concentration after dilution to 1 liter: $c(\text{C}_{10}\text{H}_{14}\text{N}_2\text{Na}_2\text{O}_8 \cdot 2 \text{H}_2\text{O}) = 0.1 \text{ mol/l}$

	Specification
Amount-of-substance concentration	0.1000 mol/l

The concentration of this solution was determined with volumetric standard zinc (article number 1.02409). 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 682 (NIST: National Institute of Standards and Technology, USA) by means of volumetric standard zinc, 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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