Specification

1.09992.0000 Titriplex® III solution for 1000 ml, c(Na_2-EDTA 2 H_2O) = 0.1 mol/l Titrisol®

Concentration after dilution to 1 liter: c($C_{10}H_{14}N_2Na_2O_8$ • 2 H_2O) = 0.1 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 in accordance to DIN EN ISO/IEC 17025.

Ayfer Yildirim
Responsible laboratory manager quality control

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