Specification

1.09921.0001 Potassium hydroxide solution for 1000 ml, c(KOH) = 0.1 mol/l (0.1 N) Titrisol®

Concentration after dilution to 1 liter: c(KOH) = 0.1 mol/l

	Specification
Amount-of-substance concentration	0.1000 mol/l

The concentration of this solution was determined with hydrochloric acid standard solution (article number 1.09060) standardized against volumetric standard Tris(hydroxymethyl)aminomethane (article number 1.02408). 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 723e (NIST: National Institute of Standards and Technology, USA) by means of volumetric standard Tris (hydroxmethyl)aminomethane, 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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