



Specification

1.09137.0000 Sodium hydroxide solution $c(\text{NaOH}) = 1 \text{ mol/l}$ (1 N) Titripur®

Volumetric solution in accordance to the chapter reagents of the Pharmacopoeia (Ph Eur, USP).

Specification

Amount-of-substance concentration 1.000 mol/l

The concentration of this volumetric solution was determined with hydrochloric acid standard solution (article number 1.09057) 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 ± 0.003 ($k=2$ 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(hydroxymethyl)aminomethane, measured in the accredited calibration laboratory of Merck KGaA in accordance to DIN EN ISO/IEC 17025.

Ayfer Yildirim

Responsible laboratory manager quality control

This document has been produced electronically and is valid without a signature.