



# Specification

---

1.09970.0001 Hydrochloric acid for 1000 ml,  $c(\text{HCl}) = 1 \text{ mol/l}$  (1 N) Titrisol®

---

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

	Specification
Amount-of-substance concentration	1.000 mol/l

---

The concentration of this solution was determined with volumetric standard Tris(hydroxymethyl)aminomethane (article number 1.02408). The determined titer at 20°C was 1.000 with an expanded measurement uncertainty of  $\pm 0.004$  ( $k=2$  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(hydroxymethyl)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

---

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