Specification

1.09940.0000 Sodium carbonate solution for 1000 ml, c(Na_2CO_3) = 0.05 mol/l (0.1 N) Titrisol®

Concentration after dilution to 1 liter: c(Na_2CO_3) = 0.05 mol/l

	Specification
Amount-of-substance concentration	0.0500 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 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.