

Material description: pH 7.0 BUFFER (NIST Traceable)

CAS No: Mixture

Supplied as:	Product code	Description
	CHE1394	pH 7.0 BUFFER (NIST Traceable) 1L.
	CHE1396	pH 7.0 BUFFER (NIST Traceable) 5L.
	CHE4128	pH 7.0 BUFFER (NIST Traceable) 20L.
	CHE7500	pH 7.0 BUFFER (NIST Traceable) 500ml.

Specification

Parameter	Units	Minimum value	Maximum value	Typical value	Notes
pH @ 10°C	pH			7.05	
pH @ 15°C	pH			7.025	
pH @ 20°C	pH	6.99	7.01	7.00	
pH @ 25°C	pH			6.99	
pH @ 30°C	pH			6.980	
pH @ 35°C	pH			6.975	
pH @ 40°C	pH			6.97	
pH @ 45°C	pH			6.965	
pH @ 50°C	pH			6.966	
Traceable to NIST					

The reported result was determined by analysis of a sample from this batch taken at time of manufacture. Analysis was performed using an in house method with measurements traceable to NIST SRM 186-I-g, SRM 186-II-g, SRM 191d-I and SRM 191d-II. Measurements are derived from and traceable to the SI system of units through the use of balances and thermometers calibrated on a regular basis by UKAS.

Revision date: 30/09/2023

Issue date: 17/09/2024

Specification correct at time of issue but is subject to change without notice. It is the users responsibility to verify the material is suitable for the required application.

Ref: 0122/MS/20230930