

Material description: pH 10.0 BUFFER (NIST Traceable)

CAS No: Mixture

Supplied as:	Product code	Description
	CHE1360	pH 10.0 BUFFER (NIST Traceable) 1L.
	CHE1362	pH 10.0 BUFFER (NIST Traceable) 5L.
	CHE3964	pH 10.0 BUFFER (NIST Traceable) 500ml.

## Specification

Parameter	Units	Minimum value	Maximum value	Typical value	Notes
pH @ 10°C	pH			10.10	
pH @ 15°C	pH			10.04	
pH @ 20°C	pH	9.99	10.01	10.00	
pH @ 25°C	pH			9.94	
pH @ 30°C	pH			9.90	
pH @ 35°C	pH			9.86	
pH @ 40°C	pH			9.82	
pH @ 45°C	pH			9.79	
pH @ 50°C	pH			9.75	
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: 19/10/2023

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: 1829/MS/20231019