

Material description: pH 9.0 BUFFER (NIST Traceable)

CAS No: Mixture

<i>Supplied as:</i>	Product code	Description
	CHE1410	pH 9.0 BUFFER (NIST Traceable) 1L.
	CHE1412	pH 9.0 BUFFER (NIST Traceable) 5L.

## Specification

Parameter	Units	Minimum value	Maximum value	Typical value	Notes
pH @ 10°C	pH			9.11	
pH @ 15°C	pH			9.06	
pH @ 20°C	pH	8.99	9.01	9.00	
pH @ 25°C	pH			8.97	
pH @ 30°C	pH			8.93	
pH @ 37°C	pH			8.87	
pH @ 40°C	pH			8.86	
pH @ 45°C	pH			8.83	
pH @ 50°C	pH			8.8	
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: 0124/MS/20231019