

Material description: pH 6.0 BUFFER (NIST Traceable)

CAS No: Mixture

<i>Supplied as:</i>	Product code	Description
	CHE1392	pH 6.0 BUFFER (NIST Traceable) 1L.
	CHE3966	pH 6.0 BUFFER (NIST Traceable) 500ml.

Specification

Parameter	Units	Minimum value	Maximum value	Typical value	Notes
pH @ 10°C	pH			6.05	
pH @ 15°C	pH			6.02	
pH @ 20°C	pH	5.99	6.01	6.00	
pH @ 25°C	pH			5.99	
pH @ 30°C	pH			5.97	
pH @ 35°C	pH			5.96	
pH @ 40°C	pH			5.96	
pH @ 45°C	pH			5.95	
pH @ 50°C	pH			5.95	
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 185i, SRM 186-I-g and SRM 186-II-g. 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: 18/09/2025

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: 0121/MS/20231019