

Material description: pH 7.0 BUFFER COLOUR CODED YELLOW (NIST Traceable)

CAS No: Mixture

Supplied as:	Product code	Description
	CHE1402	pH 7.0 BUFFER COLOUR CODED YELLOW (NIST Traceable) 1L.
	CHE1404	pH 7.0 BUFFER COLOUR CODED YELLOW (NIST Traceable) 5L.
	CHE1406	pH 7.0 BUFFER COLOUR CODED YELLOW (NIST Traceable) 2.5L.
	CHE4132	pH 7.0 BUFFER COLOUR CODED YELLOW (NIST Traceable) 500ml.
	CHE5128	pH 7.0 BUFFER COLOUR CODED YELLOW (NIST Traceable) 10L.

## Specification

Parameter	Units	Minimum value	Maximum value	Typical value	Notes
pH @ 10°C	pH			7.05	
pH @ 15°C	pH			7.02	
pH @ 20°C	pH	6.99	7.01	7.00	
pH @ 25°C	pH			6.99	
pH @ 30°C	pH			6.98	
pH @ 35°C	pH			6.97	
pH @ 40°C	pH			6.97	
pH @ 45°C	pH			6.96	
pH @ 50°C	pH			6.96	
Traceable to NIST					Traceable
NIST SRM 185i					Traceable
NIST SRM 186-I-g					Traceable
NIST SRM 186-II-g					Traceable

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: 28/04/2022

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: 2627/MS/20220428