

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