

## Certificate of Analysis

### pH Buffer Standard

### Buffer Solution pH 4.000 ± 0.010 @ 20°C (Red)

**Product No:** 104000C  
**Lot No:** 4C21J2  
**Expiry date \* :** 28/09/2024

**Mean pH value:** 4.004 @ 20°C  
**Date of measurement:** 19/10/2021  
**Date of Sample Receipt:** 19/10/2021  
**Date of Manufacturing \* :** 19/10/2021

\* The detail above is based on information supplied in writing by Reagecon Manufacturing.

#### Specification:

3.990 - 4.010 @20°C

#### pH Measurement:

This certificate relates solely to the sample as received by the laboratory, bearing the product code and lot number given above, taken at time of manufacture. Test Method used was TPPHB. Measured with a combination glass electrode after multiple point calibration with reference materials. The test result is traceable to the following National Institute of Standards and Technology (USA), SRM 185i Potassium Hydrogen Phthalate, SRM 186-I-g Potassium Dihydrogen Phosphate and SRM 186-II-g Disodium Hydrogen Phosphate. This certificate relates solely to the sample as received by the laboratory, bearing the product code and lot number given above. The uncertainty of measurement has been calculated not to exceed ± 0.010pH at 95% confidence level, i.e. coverage factor k =2.

#### Accreditation:

Reagecon Diagnostics Ltd. is accredited by the Irish National Accreditation Board, under scope 264T, for the test method, TPPHB, used to generate the above result. This accreditation is intended only to certify that Reagecon has the Quality Management Systems in place to ensure that each individual test result generated using TPPHB is technically valid and is supported by appropriate uncertainty measurements.

Date of issue of the certificate: 19/10/2021

*Eileen Malone*

QC Technician **Eileen Malone**

Complementary information relative to this product is available at [www.reagecon.com](http://www.reagecon.com)  
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