

## Certificate of Analysis

### pH Buffer Solution

### Low Ionic Strength Buffer Solution pH 4.10 $\pm$ 0.04 @ 20°C

Product No:	LS41
Lot No:	LS4121K1
Expiry date * :	28/10/2023

Mean pH value:	4.07 @ 20°C
Date of Measurement:	28/10/2021
Date of Sample Receipt:	28/10/2021
Date of Manufacturing * :	28/10/2021

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

#### Specification:

4.06 - 4.14 @ 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  $\pm 0.01$  pH 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: 29/10/2021



QC Technician **Patricia de Guzman**

Complementary information relative to this product is available at [www.reagecon.com](http://www.reagecon.com)  
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Tested by Reagecon Quality Control  
Laboratories for Reagecon Manufacturing

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