



# Certificate of Analysis

## pH Buffer Solution

### Buffer Solution pH 4.00 ± 0.01 @ 20°C (Red)

*Product No:* 1201459  
*Lot No:* 4C15K1  
*Expiry date:* 28/10/2018

*Mean pH value:* 4.00 @ 20°C  
*Date of measurement:* 06/11/2015

**Specification:**  
3.99 - 4.01 @ 20°C

#### pH Measurement:

The result reported above was determined by analysis of a sample of this lot taken at time of manufacture. Test Method used was TPPHB. Measured with a combination glass electrode after multiple point calibration with reference materials. It is certified 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 lot number given above. The uncertainty of measurement has been calculated not to exceed ± 0.01pH at 95% confidence level, i.e. coverage factor k =2.

#### Buffer Substance:

Potassium Hydrogen Phthalate

#### 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.

Products are manufactured under an NSAI registered I.S EN ISO9001:2008 Quality System, registration no: 19.2769

*Date of issue of the certificate:* 06/11/2015

*Rubán McDonagh*

**QC Technician Ruban Mc Donagh**

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