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BUCHI Certificate of Analysis (CoA)

Product Characteristics

Product:	pH Buffer Solution pH4.00 (Red) ± 0.01 @ 20°C
Order code:	1040060C
LOT no.:	4C25E1
Date of test:	16/05/2025
Production date:	16/05/2025
Expiration date:	28/05/2028

Testing Results

Description	Specification	Measured value
pH value (@20 °C)	3.99 – 4.01	4.00
Buffer substance	Potassium Hydrogen Phthalate	

pH Measurement:

The result reported above was determined by analysis of a sample of this lot taken at time of manufacture. 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 ± 0.01 pH at 95% confidence level, i.e., coverage factor $k=2$.

Certificate issue date: 17.07.2025

This certificate is electronically generated and does not require a signature.

This certificate must not be reproduced except in full.