

**CERTIFICATE OF ANALYSIS**

**PRODUCT:** ACETATE BUFFER pH 4.50 @25°C  
DISSOLUTION MEDIA CONCENTRATE

**PRODUCT No.:** DMC022-25

**LOT NO:** DMC2223H1

**DATE OF TEST:** 18/08/2023

**EXPIRY DATE:** 28/08/2025

**MEAN pH VALUE:** 4.55 @ 25 °C

**SPECIFICATION:** pH 4.45 – 4.55 @ 25 °C after dilution

**COMPOSITION:** Sodium Hydroxide (30%)  
80% Acetic Acid

**pH MEASUREMENT:** Tested in accordance with in-house method TPPHB.  
Measured with a combination glass electrode after multiple  
point calibration with reference materials.

**TRACEABILITY:** Standard buffer solutions are certified traceable to the  
following U.S. National Institute of Standards and  
Technology, 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  $\pm 0.010$  pH units at 95% confidence level.

This product complies with the USP & EP requirements for dissolution media when diluted with purified water as instructed.

**Approved By:** QC Technician



**Date:** 21/08/2023