

**ANALYSIS REPORT, CERTIFIED***Material:* Buffer Solution, pH 2.00*Code:* C0720     *Report no.:* RP8878     *Lot no.:* 010125**SPECIFICATION(S)****OBTAINED**

pH @ 25°C

1.990

This standard buffer solution is an aqueous formulation of ACS grade Glacial Acetic Acid, Sodium Hydroxide, Hydrochloric Acid and a suitable preservative. It is standardized to a pH of 2.00 +/- 0.02 @ 25°C using meters calibrated with NIST SRMs 185 Potassium Hydrogen Phthalate and 189 Potassium Tetroxalate Ion Activity Standards. Final release criteria include the attainment of duplicate assays that are within the specified tolerances on separate meters. All volumetric glassware used in the standardization process meets the requirements of A.S.T.M. Class A tolerances. Balances are routinely calibrated according to our documented calibration program using check weights that are NIST traceable.

Products will meet specifications outlined in this C of A for a period of up to 2 years from the date of manufacture stored unopened at room temperature.

*Analyst:* SNB*Manufacture Date:* 1/25/2010*Approved* NB*Date:* 1/27/2010**METTLER TOLEDO**