



**HydriON® Buffer Certification Sheet**  
**&**  
**Certificate of Traceability and Conformity**

pH Value 2.00

Mfg. Lot#	<u>208812</u>	Mfg. Date	<u>03-28-2012</u>
Date Tested	<u>03-28-2012</u>	Tested By	<u>PARESH SHAH</u>

**NIST/IUPAC Standards used for Calibration of pH Meters**

Buffer #1 pH	<u>1.681</u>	NIST Standard Reference Materials Used:
		<u>POTASSIUM TETROXALATE</u>
		<u>(NIST Ref MAT'L No. 189a )</u>
		<u>(NIST Ref MAT'L No. )</u>

Buffer #2 pH	<u>4.01</u>	NIST Standard Reference Materials Used:
		<u>POTASSIUM HYDROGEN PHTHALATE</u>
		<u>(NIST Ref MAT'L No.185 f )</u>
		<u>(NIST Ref MAT'L No. )</u>

**pH Values Recorded:**

pH Meter #1 2.01 pH Meter #2 2.00 pH Meter #3 2.00

Temperature of Buffer Solution Tested: 25° C

Buffer Powder Used For	Amount Used	Date Used	Sample Weight
<u>X</u> Chemvelopes	<u>                    </u>	<u>                    </u>	<u>5.01 grams</u>
<u>X</u> Capsules	<u>                    </u>	<u>                    </u>	<u>1.01 grams</u>

Comments:

This certificate is to certify that the above buffer salt here-in described has been analyzed with and/or compared to appropriate National Institute of Standards and Technology and IUPAC reference materials. The buffer salt tested is certified in accordance with MIL-STD-45662.

Certified By Paresh shah Signature Shah P Date: 03-28-2012