

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

pH Value 10.00

<b>Mfg. Lot#</b>	<u>205011</u>	<b>Mfg. Date</b>	<u>02-18-2011</u>
<b>Date Tested</b>	<u>02-18-2011</u>	<b>Tested By</b>	<u>PARESH SHAH</u>

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

Buffer #1 pH	<u>6.865</u>	NIST Standard Reference Materials Used:
		<u>POTASSIUM DIHYDROGEN PHOSPHATE</u>
		<u>(NIST Ref MAT'L No. 186-I-d )</u>
		<u>DISODIUM HYDROGEN PHOSPHATE</u>
		<u>(NIST Ref MAT'L No. 186-II-d )</u>

Buffer #2 pH	<u>9.18</u>	NIST Standard Reference Materials Used:
		<u>SODIUM TETRABORATE DECAHYDRATE</u>
		<u>(NIST Ref MAT'L No.187c )</u>
		<u>(NIST Ref MAT'L No. )</u>

**pH Values Recorded:**

pH Meter #1 10.01      pH Meter #2 10.00      pH Meter #3 10.01

Temperature of Buffer Solution Tested: 25° C

Buffer Powder Used For	Amount Used	Date Used	Sample Weight
<u>  X  </u>			
<u>  X  </u> Capsules (ADH)	<u>150 kgs.</u>		<u>1.00 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: 02-18-2011