

**Prepared by: CS Approved by: MAF Version # 2 Issued Date: 07/07/10**

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

pH Value 10.00

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

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

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

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

**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)	150 kgs.		1.00 grams

**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       Date: 02-18-2011