

Hydrion® Buffer Certification Sheet
&
Certificate of Traceability and Conformity

pH Value 6.86

Mfg. Lot#	<u>229210</u>	Mfg. Date	<u>10-20-2010</u>
Date Tested	<u>10-20-2010</u>	Tested By	<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>
		(NIST Ref MAT'L No. 186-I-d)
		<u>DISODIUM HYDROGEN PHOSPHATE</u>
		(NIST Ref MAT'L No. 186-II-d)

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

pH Values Recorded:

pH Meter #1 6.86 pH Meter #2 6.863 pH Meter #3 6.862

Temperature of Buffer Solution Tested: 25° C

Buffer Powder Used For	Amount Used	Date Used	Sample Weight
<u> </u> Chemvelopes	<u> </u>	<u> </u>	<u> </u>
<u> </u> Capsules	<u> </u>	<u> </u>	<u> </u>

Comments: Hydrion Buffer Salt pH - 6.86 bulk to Fisher Scientific Chemical Divison Fair Lawn NJ
 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: 10-20-2010