



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

pH Value 4.00

Mfg. Lot#	<u>220015</u>	Mfg. Date	<u>07-15-2015</u>
Exp. Date	<u>07-15-2020</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:
		<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	<u>4.01</u>	NIST Standard Reference Materials Used:
		<b>POTASSIUM HYDROGEN PHTHALATE</b>
		(NIST Ref MAT'L No.185 f )
		(NIST Ref MAT'L No. )

**pH Values Recorded:**

pH Meter #1 4.01      pH Meter #2 4.01      pH Meter #3 4.00

Temperature of Buffer Solution Tested: 25° C

Buffer Powder Used For	Amount Used	Date Used	Sample Weight
<input checked="" type="checkbox"/> Chemvelopes	<u>                    </u>	<u>                    </u>	<u>5.03 GRAMS</u>
<input checked="" type="checkbox"/> Capsules	<u>                    </u>	<u>                    </u>	<u>1.00 grams</u>

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: 07--15-2015