



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

pH Value 5.00

Mfg. Lot#	<u>213017</u>	Test Date	<u>May 05 ,2017</u>
Exp. Date	<u>May 15 , 2022</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>
		<u>(NIST Ref MAT'L No. 186-I-g )</u>
		<u>DISODIUM HYDROGEN PHOSPHATE</u>
		<u>(NIST Ref MAT'L No. 186-II-g )</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 5.01      pH Meter #2 5.01      pH Meter #3 5.00

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>5.03 GRAMS</u>
<u>  X  </u> 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      Date: 05-05-2017