



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

pH Value 6.00

Mfg. Lot#	<u>216517</u>	Exp. Date	<u>06-15-2022</u>
Date Tested	<u>6-12-2017</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>9.18</u>	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 6.02      pH Meter #2 6.00      pH Meter #3 6.01

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>  X  </u> Capsules	<u>                    </u>	<u>                    </u>	<u>                    </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: 06-12-2017