

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

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

pH Value 11.00

Mfg. Lot#	<u>201013</u>	Mfg. Date	<u>01-10-2013</u>
Date Tested	<u>01-10-2013</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-d )</u>
		<u>DISODIUM HYDROGEN PHOSPHATE</u>
		<u>(NIST Ref MAT'L No. 186-II-d )</u>

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

**pH Values Recorded:**

pH Meter #1 11.05 pH Meter #2 11.05 pH Meter #3 11.04

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>5.01 grams</u>
<u>__X__</u> Capsules	<u>                    </u>	<u>                    </u>	<u>1.01 GRAMS</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: 01-10-2013