

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

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

pH Value         6.00        

<b>Mfg. Lot#</b>	<u>        228012        </u>	<b>Mfg. Date</b>	<u>        10-05-2012        </u>
<b>Date Tested</b>	<u>        10-05-2012        </u>	<b>Tested By</b>	<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         6.01            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>        </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 PV            Date:         10-05-2012