

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

Hydrion® Buffer Certification Sheet
&
Certificate of Traceability and Conformity

pH Value 7.41

Mfg. Lot#	<u>210511</u>	Mfg. Date	<u>04-15-2011</u>
Date Tested	<u>04-15-2011</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>
		(NIST Ref MAT'L No. 186-I-d)
		<u>DISODIUM HYDROGEN PHOSPHATE</u>
		(NIST Ref MAT'L No. 186-II-d)

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

pH Values Recorded:

pH Meter #1 7.41 pH Meter #2 7.40 pH Meter #3 7.41

Temperature of Buffer Solution Tested: 25° C

Buffer Powder Used For	Amount Used	Date Used	Sample Weight
<u>Chemvelopes</u>	<u>1.0 KILOGRAM</u>	<u>4-19-2011</u>	<u></u>
<u>Capsules</u>	<u></u>	<u></u>	<u></u>

Comments: FISHER SCIENTIFIC CHEMICAL DIVISION BULK

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: 04-15-2011