MICRO ESSENTIAL LABORATORY

Manufacturing **Hydrion®** brand pH and sanitizer test papers since 1934

QP-FORM-1650-003

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

Hydrion® Buffer Certification Sheet & Certificate of Traceability and Conformity

pH Value **9.00**

Mfg. Lot#	**212307**	**Mfg. Date**	**05-03-2007**
Date Tested	**05-03-2007**	**Tested By**	**PARESH SHAH**

NIST/IUPAC Standards used for Calibration of pH Meters

Buffer #1 pH	**6.865**	NIST Standard Reference Materials Used: **POTASSIUM DIHYDROGEN PHOSPHATE** (NIST Ref MAT'L No. 186-I-d) **DISODIUM HYDROGEN PHOSPHATE** (NIST Ref MAT'L No. 186-II-d)
Buffer #2 pH	**9.18**	NIST Standard Reference Materials Used: **SODIUM TETRABORATE DECAHYDRATE** (NIST Ref MAT'L No.187c) (NIST Ref MAT'L No.)

pH Values Recorded:

pH Meter #1 **9.01** pH Meter #2 **9.00** pH Meter #3 **9.01**

Temperature of Buffer Solution Tested: **25° C**

Buffer Powder Used For	Amount Used	Date Used	Sample Weight
__X___ Chemvelopes			5.02 grams
__X___ Capsules			1.01 grams

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 PS Date: 05-03-2007