



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

pH Value 6.00

| | | | |
|-------------|------------------|-----------|--------------------|
| Mfg. Lot# | <u>216517A</u> | Exp. Date | <u>06-15-2023</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: |
| | | 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 | <u>9.18</u> | 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 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  Date: 06-12-2017