



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

pH Value 11.00

Mfg. Lot#	<u>221217</u>	Mfg. Date	<u>July 31, 2017</u>
Exp. Date	<u>July 31, 2022</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:
		<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>10.01</u>	NIST Standard Reference Materials Used:
		<b>SODIUM CARBONATE</b>
		(NIST Ref MAT'L No.191d-II )
		<b>SODIUM BICARBONATE</b>
		(NIST Ref MAT'L No. 191d-I )

**pH Values Recorded:**

pH Meter #1 11.00      pH Meter #2 10.99      pH Meter #3 11.01

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.



QP-FORM-1650-003

Version # 3 Prepared by SF Approved by PS 8/09/2013  
Buffer Certification Sheet and Certificate of Conformity

---

Certified By Paresh shah Signature  Date: 07-31-2017