

**Aqua Solutions, Inc.**  
**6913 Highway 225**  
**Deer Park, TX, 77536**  
**281/479-2569**  
**Certificate of Analysis / QC Results**  
**Customer PO # :**

<b>Packaged Product:</b> 1500			
BUFFER REFERENCE pH 7.0/YELLOW			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON</b>	YES		YES
<b>FILE</b>	YES		
Sample ID			
Tested 04/14/25			
Tester BPHI			
Recorded 04/14/25			
<b>PH OF PRODUCT/SOLUTION</b>	7.000 PH	6.990 - 7.010	6.999
Sample ID			
Tested 04/14/25			
Tester BPHI			
Recorded 04/14/25			
<b>+ PH Measurement Uncertainty</b>	0.014 PH	= 0.014	0.014
Sample ID			
Tested 04/14/25			
Tester BPHI			
Recorded 04/14/25			
<b>QCSP 20 PH CALIBRATION</b>	YES		YES
<b>METHODS</b>	METHOD		
Sample ID			
Tested 04/14/25			
Tester BPHI			
Recorded 04/14/25			
<b>Actual Temp</b>	25.0 DEG C	24.9 - 25.1	25.0
Sample ID			
Tested 04/14/25			
Tester BPHI			
Recorded 04/14/25			
<b>pH Traceable to N.I.S.T. SRM'S</b>	YES YES		YES
Sample ID			
Tested 04/14/25			
Tester BPHI			
Recorded 04/14/25			
<b>PH NIST TRACEABLE TO SRM 185</b>	YES YES		YES
Sample ID			
Tested 04/14/25			
Tester BPHI			
Recorded 04/14/25			
<b>NIST TRACEABLE TO SRM186I AND 186II</b>	YES YES		YES
Sample ID			
Tested 04/14/25			
Tester BPHI			
Recorded 04/14/25			

**Aqua Solutions, Inc.**  
**6913 Highway 225**  
**Deer Park, TX, 77536**  
**281/479-2569**  
**Certificate of Analysis / QC Results**  
**Customer PO # :**

<b>PH NIST TRACEABLE TO SRM 187</b>		YES	YES
		YES	
Sample ID			
Tested 04/14/25			
Tester BPHI			
Recorded 04/14/25			
<b>APPEARANCE AND COLOR</b>		CLEAR YELLOW/ODORLESS	PASS
		APPEARANCE	
Sample ID			
Tested 04/14/25			
Tester BPHI			
Recorded 04/14/25			
<b>INSTRUMENTS USED DURING PREPARATION</b>		INSTRUMENT	M91,T-IX,M106
Sample ID			
Tested 04/14/25			
Tester BPHI			
Recorded 04/14/25			
<b>EXPIRATION DATE</b>		MM/DD/YY	04/30/27
		MM/DD/YYYY	
Sample ID			
Tested 04/14/25			
Tester BPHI			
Recorded 04/14/25			
<b>SHELF LIFE OF PRODUCT</b>		2 YEARS	2 YEARS
		TIME	
Sample ID			
Tested 04/14/25			
Tester BPHI			
Recorded 04/14/25			
<b>Lot #</b> 5041457			
<b>Made</b> 04/14/25			
<b>Packaged Product:</b> 1500			
		BUFFER REFERENCE pH 7.0/YELLOW	
<b>Lot #</b>			

This is to certify that the product listed above has been prepared according to the agreed upon formulation. The solutions producer has a Quality Management System which governs each step of the manufacturing process to insure the production of a consistent product. Traceability from the producer's lot numbers to the original manufacturer's lot number is maintained. Certificates of Analysis for the raw materials used to prepare this product are available upon request.

The weights and/or volumes used to prepare this product are N.I.S.T. Traceable. All balances used in the preparation of product are calibrated daily against N.I.S.T. Traceable weights. The balances are maintained and serviced on a regular basis by an outside certified company. All volumetric glassware used is N.I.S.T. Traceable and certified as meeting Class A specifications.

Unless otherwise agreed to, all chemicals used in the preparation of this product are Reagent ACS grade.