



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

<b>Packaged Product:</b> 1460			
BUFFER REFERENCE pH 4.0/RED			
Test	Target/UOM	Range	Result
<b>PH OF PRODUCT/SOLUTION</b>	4.008	3.998 - 4.018	4.010
	PH		
Sample ID			
Tested 07/13/22			
Tester BPHI			
Recorded 07/13/22			
<b>+ PH Measurement Uncertainty</b>	0.014	= 0.014	0.014
	PH		
Sample ID			
Tested 07/13/22			
Tester BPHI			
Recorded 07/13/22			
<b>QCSP 20 PH CALIBRATION</b>	YES		YES
<b>METHODS</b>	METHOD		
Sample ID			
Tested 07/13/22			
Tester BPHI			
Recorded 07/13/22			
<b>Actual Temp</b>	25.0	24.0 - 26.0	25.0
	DEG C		
Sample ID			
Tested 07/13/22			
Tester BPHI			
Recorded 07/13/22			
<b>pH Traceable to N.I.S.T. SRM'S</b>	YES		YES
	YES		
Sample ID			
Tested 07/13/22			
Tester BPHI			
Recorded 07/13/22			
<b>PH NIST TRACEABLE TO SRM 185</b>	YES		YES
	YES		
Sample ID			
Tested 07/13/22			
Tester BPHI			
Recorded 07/13/22			
<b>PH NIST TRACEABLE TO SRM 187</b>	YES		YES
	YES		
Sample ID			
Tested 07/13/22			
Tester BPHI			
Recorded 07/13/22			
<b>NIST TRACEABLE TO SRM186I AND 186II</b>	YES		YES
	YES		
Sample ID			
Tested 07/13/22			
Tester BPHI			
Recorded 07/13/22			



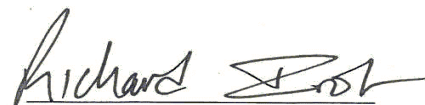
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<b>APPEARANCE AND COLOR</b>	CLEAR RED/SLIGHT THYMOL	PASS
	SMELL	
	APPEARANCE	
Sample ID		
Tested	07/13/22	
Tester	BPHI	
Recorded	07/13/22	
<b>INSTRUMENTS USED DURING PREPARATION</b>	<b>INSTRUMENT</b>	M81,T-IX,M106,
Sample ID		
Tested	07/13/22	
Tester	BPHI	
Recorded	07/13/22	
<b>EXPIRATION DATE</b>	MM/DD/YY	07/30/24
	MM/DD/YYYY	
Sample ID		
Tested	07/13/22	
Tester	BPHI	
Recorded	07/13/22	
<b>SHELF LIFE</b>	2 YEARS	2 YEARS
	TIME	
Sample ID		
Tested	07/13/22	
Tester	BPHI	
Recorded	07/13/22	
<b>Lot #</b>	2071289	
<b>Made</b>	07/13/22	

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.



**Quality Manager**