



**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			
<b>Test</b>	<b>Target/UOM</b>	<b>Range</b>	<b>Result</b>
<b>PH OF PRODUCT/SOLUTION</b>	4.008 PH	3.998 - 4.018	4.012
Sample ID			
Tested 01/07/21			
Tester BPHI			
Recorded 01/07/21			
<b>QCSP 20 PH CALIBRATION</b>	YES		YES
<b>METHODS</b>	METHOD		
Sample ID			
Tested 01/07/21			
Tester BPHI			
Recorded 01/07/21			
<b>Actual Temp</b>	25.0 DEG C	24.0 - 26.0	25.0
Sample ID			
Tested 01/07/21			
Tester BPHI			
Recorded 01/07/21			
<b>pH Traceable to N.I.S.T. SRM'S</b>	YES YES		YES
Sample ID			
Tested 01/07/21			
Tester BPHI			
Recorded 01/07/21			
<b>PH NIST TRACEABLE TO SRM 185</b>	YES YES		YES
Sample ID			
Tested 01/07/21			
Tester BPHI			
Recorded 01/07/21			
<b>PH NIST TRACEABLE TO SRM 187</b>	YES YES		YES
Sample ID			
Tested 01/07/21			
Tester BPHI			
Recorded 01/07/21			
<b>NIST TRACEABLE TO SRM186I AND 186II</b>	YES YES		YES
Sample ID			
Tested 01/07/21			
Tester BPHI			
Recorded 01/07/21			
<b>APPEARANCE AND COLOR</b>	CLEAR RED/SLIGHT THYMOL SMELL APPEARANCE		PASS
Sample ID			
Tested 01/07/21			
Tester BPHI			
Recorded 01/07/21			



Aqua Solutions, Inc.  
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<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT	M81,TIX,M56
Sample ID		
Tested	01/07/21	
Tester	BPHI	
Recorded	01/07/21	
<b>EXPIRATION DATE</b>	MM/DD/YY	01/30/23
	MM/DD/YYYY	
Sample ID		
Tested	01/07/21	
Tester	BPHI	
Recorded	01/07/21	
<b>SHELF LIFE</b>	2 YEARS	2 YEARS
	TIME	
Sample ID		
Tested	01/07/21	
Tester	BPHI	
Recorded	01/07/21	
<b>Lot #</b>	1010599	
<b>Made</b>	01/07/21	

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**