

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

<b>Packaged Product:</b> 1435 BUFFER REFERENCE pH 1.68			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON</b>	YES		YES
<b>FILE</b>	YES		
Sample ID			
Tested 08/17/23			
Tester JRIO			
Recorded 08/17/23			
<b>Actual pH of product</b>	1.680 PH	1.670 - 1.690	1.679
Sample ID			
Tested 08/17/23			
Tester JRIO			
Recorded 08/17/23			
<b>QCSP 20 PH CALIBRATION</b>	YES		YES
<b>METHODS</b>	METHOD		
Sample ID			
Tested 08/17/23			
Tester JRIO			
Recorded 08/17/23			
<b>Actual Temp</b>	25.0 DEG C	24.0 - 26.0	25.0
Sample ID			
Tested 08/17/23			
Tester JRIO			
Recorded 08/17/23			
<b>APPEARANCE AND COLOR</b>	CLEAR LIQUID APPEARANCE		PASS
Sample ID			
Tested 08/17/23			
Tester JRIO			
Recorded 08/17/23			
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT		M90,T220,M103
Sample ID			
Tested 08/17/23			
Tester JRIO			
Recorded 08/17/23			
<b>PH NIST TRACEABLE TO SRM 189</b>	YES YES		YES
Sample ID			
Tested 08/17/23			
Tester JRIO			
Recorded 08/17/23			
<b>PH NIST TRACEABLE TO SRM 185</b>	YES YES		YES
Sample ID			
Tested 08/17/23			
Tester JRIO			
Recorded 08/17/23			



Aqua Solutions, Inc.  
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**Certificate of Analysis / QC Results**  
**Customer PO # :**

**EXPIRATION DATE**

MM/DD/YY  
MM/DD/YYYY

08/30/24

Sample ID

Tested 08/17/23

Tester JRIO

Recorded 08/17/23

**SHELF LIFE OF PRODUCT**

SHELF LIFE  
TIME

1 YEAR

Sample ID

Tested 08/17/23

Tester JRIO

Recorded 08/17/23

**Lot #** 3073139

**Made** 08/17/23

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**