

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

Packaged Product: 1461 BUFFER REFERENCE pH 4.0/CLEAR			
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON	YES		YES
FILE	YES		
Sample ID			
Tested 02/27/25			
Tester BPHI			
Recorded 02/27/25			
PH OF PRODUCT/SOLUTION	4.008 PH	3.998 - 4.018	4.013
Sample ID			
Tested 02/27/25			
Tester BPHI			
Recorded 02/27/25			
QCSP 20 PH CALIBRATION	YES		YES
METHODS	METHOD		
Sample ID			
Tested 02/27/25			
Tester BPHI			
Recorded 02/27/25			
Actual Temp	25.0 DEG C	24.0 - 26.0	25.0
Sample ID			
Tested 02/27/25			
Tester BPHI			
Recorded 02/27/25			
pH Traceable to N.I.S.T. SRM'S	YES YES		YES
Sample ID			
Tested 02/27/25			
Tester BPHI			
Recorded 02/27/25			
APPEARANCE AND COLOR	CLEAR LIQUID APPEARANCE		PASS
Sample ID			
Tested 02/27/25			
Tester BPHI			
Recorded 02/27/25			
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT		M113,M112,T-IX
Sample ID			
Tested 02/27/25			
Tester BPHI			
Recorded 02/27/25			
PH NIST TRACEABLE TO SRM 189	YES YES		YES
Sample ID			
Tested 02/27/25			
Tester BPHI			
Recorded 02/27/25			

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

PH NIST TRACEABLE TO SRM 185	YES	YES
	YES	
Sample ID		
Tested 02/27/25		
Tester BPHI		
Recorded 02/27/25		
NIST TRACEABLE TO SRM186I AND 186II	YES	YES
	YES	
Sample ID		
Tested 02/27/25		
Tester BPHI		
Recorded 02/27/25		
PH NIST TRACEABLE TO SRM 187	YES	YES
	YES	
Sample ID		
Tested 02/27/25		
Tester BPHI		
Recorded 02/27/25		
EXPIRATION DATE	MM/DD/YY	02/28/27
	MM/DD/YYYY	
Sample ID		
Tested 02/27/25		
Tester BPHI		
Recorded 02/27/25		
SHELF LIFE OF PRODUCT	SHELF LIFE	2 YEARS
	TIME	
Sample ID		
Tested 02/27/25		
Tester BPHI		
Recorded 02/27/25		
Lot # 5022105		
Made 02/27/25		

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