



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

Packaged Product: 1460			
BUFFER REFERENCE pH 4.0/RED			
Test	Target/UOM	Range	Result
PH OF PRODUCT/SOLUTION	4.008	3.998 - 4.018	4.010
	PH		
Sample ID			
Tested 12/07/23			
Tester BPHI			
Recorded 12/07/23			
+ PH Measurement Uncertainty	0.014	= 0.014	0.014
	PH		
Sample ID			
Tested 12/07/23			
Tester BPHI			
Recorded 12/07/23			
QCSP 20 PH CALIBRATION	YES		YES
METHODS	METHOD		
Sample ID			
Tested 12/07/23			
Tester BPHI			
Recorded 12/07/23			
Actual Temp	25.0	24.0 - 26.0	25.0
	DEG C		
Sample ID			
Tested 12/07/23			
Tester BPHI			
Recorded 12/07/23			
pH Traceable to N.I.S.T. SRM'S	YES		YES
	YES		
Sample ID			
Tested 12/07/23			
Tester BPHI			
Recorded 12/07/23			
PH NIST TRACEABLE TO SRM 185	YES		YES
	YES		
Sample ID			
Tested 12/07/23			
Tester BPHI			
Recorded 12/07/23			
PH NIST TRACEABLE TO SRM 187	YES		YES
	YES		
Sample ID			
Tested 12/07/23			
Tester BPHI			
Recorded 12/07/23			
NIST TRACEABLE TO SRM186I AND 186II	YES		YES
	YES		
Sample ID			
Tested 12/07/23			
Tester BPHI			
Recorded 12/07/23			



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APPEARANCE AND COLOR	CLEAR RED/SLIGHT THYMOL	PASS
	SMELL	
	APPEARANCE	
Sample ID		
Tested	12/07/23	
Tester	BPHI	
Recorded	12/07/23	
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT	M91,T-IX,M106
Sample ID		
Tested	12/07/23	
Tester	BPHI	
Recorded	12/07/23	
EXPIRATION DATE	MM/DD/YY	12/30/25
	MM/DD/YYYY	
Sample ID		
Tested	12/07/23	
Tester	BPHI	
Recorded	12/07/23	
SHELF LIFE	2 YEARS	2 YEARS
	TIME	
Sample ID		
Tested	12/07/23	
Tester	BPHI	
Recorded	12/07/23	
Lot #	3120679	
Made	12/07/23	

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