



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

Packaged Product: 1527			
BUFFER REFERENCE pH 12.0 (±0.02)			
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON FILE	YES		YES
Sample ID	YES		
Tested 07/31/20			
Tester BPHI			
Recorded 07/31/20			
PH OF PRODUCT/SOLUTION	12.000	11.980 - 12.020	12.007
	PH		
Sample ID			
Tested 07/31/20			
Tester BPHI			
Recorded 07/31/20			
QCSP 20 PH CALIBRATION METHODS	YES		YES
	METHOD		
Sample ID			
Tested 07/31/20			
Tester BPHI			
Recorded 07/31/20			
Actual Temp	25.0	24.0 - 26.0	25.4
	DEG C		
Sample ID			
Tested 07/31/20			
Tester BPHI			
Recorded 07/31/20			
APPEARANCE AND COLOR	CLEAR LIQUID APPEARANCE		PASS
Sample ID			
Tested 07/31/20			
Tester BPHI			
Recorded 07/31/20			
INSTRUMENTS USED DURING PREPARATION	INSTRUMENT		M39,M53,T34,M56
Sample ID			
Tested 07/31/20			
Tester BPHI			
Recorded 07/31/20			
PH NIST TRACEABLE TO SRM 187	YES		YES
	YES		
Sample ID			
Tested 07/31/20			
Tester BPHI			
Recorded 07/31/20			
PH NIST TRACEABLE TO SRM 2193	YES		YES
	YES		
Sample ID			
Tested 07/31/20			
Tester BPHI			
Recorded 07/31/20			



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TRACEABLE TO NIST SRM 191I AND SRM 191II	YES YES	YES
Sample ID		
Tested	07/31/20	
Tester	BPHI	
Recorded	07/31/20	
EXPIRATION DATE	MM/DD/YY MM/DD/YYYY	08/30/21
Sample ID		
Tested	07/31/20	
Tester	BPHI	
Recorded	07/31/20	
SHELF LIFE OF PRODUCT	SHELF LIFE TIME	1 YEAR
Sample ID		
Tested	07/31/20	
Tester	BPHI	
Recorded	07/31/20	
Lot #	0072188	
Made	07/31/20	

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