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Date: 07/24/19 at 10:10 AM

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

Customer PO #:

Packaged Product: 1500			
BUFFE	R REFERENCE pH 7.0/YELLOW		
Test	Target/UOM	Range	Result
PREPARED TO FORMULATION ON	YES		YES
FILE	YES		
PH OF PRODUCT/SOLUTION	7.000	6.990 - 7.010	7.007
	PH		
Actual Temp	25.0	24.9 - 25.1	25.0
	DEG C		
pH Traceable to N.I.S.T. SRM'S	YES		YES
	YES		
PH NIST TRACEABLE TO SRM 185	YES		YES
	YES		
NIST TRACEABLE TO SRM186I AND	YES		YES
186II	YES		
PH NIST TRACEABLE TO SRM 187	YES		YES
	YES		
APPEARANCE AND COLOR	CLEAR YELLOW/ODORLESS		PASS
	APPEARANCE		
INSTRUMENTS USED DURING	INSTRUMENT		TIX,M81,M78
PREPARATION			
EXPIRATION DATE	MM/DD/YY		07/30/21
	MM/DD/YYYY		
SHELF LIFE OF PRODUCT	2 YEARS		2 YEARS
	TIME		
<b>Lot #</b> 9072299			
<b>Made</b> 07/24/19			

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**