



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

<b>Packaged Product:</b> 9765-20L			
WATER DEIONIZED REAGENT ACS GRADE/ASTM TYPE II (20LC)			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON FILE</b>	YES		YES
Sample ID			
Tested 08/29/23			
Tester TBUR			
Recorded 08/29/23			
<b>MEETS ASTM TYPE II SPECIFICATIONS</b>	YES		YES
Sample ID	PASS		
Tested 08/29/23			
Tester TBUR			
Recorded 08/29/23			
<b>TOC &lt; 50 PPB</b>	< 50 PPB		<50 PPB
Sample ID	PPB		
Tested 08/29/23			
Tester TBUR			
Recorded 08/29/23			
<b>SODIUM &lt; 5 PPB</b>	< 5 PPB		<5 PPB
Sample ID	PPB		
Tested 08/29/23			
Tester TBUR			
Recorded 08/29/23			
<b>CHLORIDE &lt; 5 PPB</b>	< 5 PPB		<5 PPB
Sample ID	PPB		
Tested 08/29/23			
Tester TBUR			
Recorded 08/29/23			
<b>SILICA &lt; 3 PPB</b>	3 PPB OR LESS		3 PPB OR LESS
Sample ID	PPB		
Tested 08/29/23			
Tester TBUR			
Recorded 08/29/23			
<b>HEAVY METALS AS LEAD</b>	< 10 PPB		<10 PPB
Sample ID	PPM		
Tested 08/29/23			
Tester TBUR			
Recorded 08/29/23			
<b>PPM NO3</b>	< 0.4 PPM		<0.4 PPM
Sample ID	PPM		
Tested 08/29/23			
Tester TBUR			
Recorded 08/29/23			



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<b>PPM PHOSPHATE (PO4)</b>	< 1.0 PPM PPM	<1.0 PPM
Sample ID		
Tested	08/29/23	
Tester	TBUR	
Recorded	08/29/23	
<b>PPM SULFATE (SO4)</b>	< 1.0 PPM PPM	<1.0 PPM
Sample ID		
Tested	08/29/23	
Tester	TBUR	
Recorded	08/29/23	
<b>HETEROTROPIC PLATE COUNT</b>	ZERO	ZERO
<b>ZERO</b>	CFU	
Sample ID		
Tested	08/29/23	
Tester	TBUR	
Recorded	08/29/23	
<b>CONDUCTIVITY</b>	< 1 UMHOS US/CM	<1 UMHOS
Sample ID		
Tested	08/29/23	
Tester	TBUR	
Recorded	08/29/23	
<b>EXPIRATION DATE</b>	MM/DD/YY MM/DD/YYYY	07/30/2024
Sample ID		
Tested	08/29/23	
Tester	TBUR	
Recorded	08/29/23	
<b>SHELF LIFE OF PRODUCT</b>	SHELF LIFE TIME	1 YEAR
Sample ID		
Tested	08/29/23	
Tester	TBUR	
Recorded	08/29/23	
<b>MEGOHM-CMIN 1</b>	MIN 1 MEGOHM-CM MIN 1	MIN 1 MEGOHM-CM
Sample ID		
Tested	08/29/23	
Tester	TBUR	
Recorded	08/29/23	

**Lot #** 3070800

**Made** 07/15/23



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<b>Chemical Product:</b> 9765			
WATER DEIONIZED REAGENT ACS GRADE/ASTM TYPE II			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON FILE</b>	YES		YES
Sample ID	YES		
Tested 07/08/13			
Tester TMCG			
Recorded 07/08/13			
<b>MEETS ASTM TYPE II SPECIFICATIONS</b>	YES		YES
Sample ID	PASS		
Tested 07/08/13			
Tester TMCG			
Recorded 07/08/13			
<b>TOC &lt; 50 PPB</b>	<50 PPB		<50 PPB
Sample ID	PPB		
Tested 07/08/13			
Tester TMCG			
Recorded 07/08/13			
<b>SODIUM CONTENT</b>	<5 PPB		<5 PPB
Sample ID	%		
Tested 07/08/13			
Tester TMCG			
Recorded 07/08/13			
<b>CHLORIDE CONTENT</b>	<5 PPB		<5 PPB
Sample ID	PPM		
Tested 07/08/13			
Tester TMCG			
Recorded 07/08/13			
<b>SILICA UG/L</b>	<3 PPB		<3 PPB
Sample ID	UG/L (PPB)		
Tested 07/08/13			
Tester TMCG			
Recorded 07/08/13			
<b>HEAVY METALS (AS LEAD)</b>	<10 PPB		<10 PPB
Sample ID	PPM		
Tested 07/08/13			
Tester TMCG			
Recorded 07/08/13			
<b>NITRATE (NO3) CONTENT</b>	<0.4 PPM		<0.4 PPM
Sample ID	PPM		
Tested 07/08/13			
Tester TMCG			
Recorded 07/08/13			



Aqua Solutions, Inc.  
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<b>PHOSPHATE CONTENT</b>	<1.0 PPM PPM	<1.0 PPM
Sample ID		
Tested	07/08/13	
Tester	TMCG	
Recorded	07/08/13	
<b>SULFATE (SO4) CONTENT</b>	<1.0 PPM MAX 60 MG/KG	<1.0 PPM
Sample ID		
Tested	07/08/13	
Tester	TMCG	
Recorded	07/08/13	
<b>CONDUCTIVITY</b>	<1 UMHOS US/CM	<1 UMHOS
Sample ID		
Tested	07/08/13	
Tester	TMCG	
Recorded	07/08/13	
<b>Made</b>	07/08/13	

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**