



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

<b>Packaged Product:</b> A4750			
AMMONIUM HYDROXIDE REAGENT ACS			
Test	Target/UOM	Range	Result
<b>APPEARANCE AND COLOR</b>	COLORLESS APPEARANCE		PASSES TEST
Sample ID			
Tested	06/13/23		
Tester	TBUR		
Recorded	06/13/23		
<b>ASSAY AS NH3 % W/W</b>	29.0 W/W%	28.0 - 30.0	29.6
Sample ID			
Tested	06/13/23		
Tester	TBUR		
Recorded	06/13/23		
<b>CARBON DIOXIDE</b>	0.002% MAX CARBON DIO		<0.002%
Sample ID			
Tested	06/13/23		
Tester	TBUR		
Recorded	06/13/23		
<b>CHLORIDE</b>	0.5PPM MAX CHLORID		<0.5 PPM
Sample ID			
Tested	06/13/23		
Tester	TBUR		
Recorded	06/13/23		
<b>HEAVY METALS (AS LEAD)</b>	0.5 PPM MAX PPM		<0.5 PPM
Sample ID			
Tested	06/13/23		
Tester	TBUR		
Recorded	06/13/23		
<b>IRON CONTENT PPM</b>	0.2 PPM MAX PPM		<0.2 PPM
Sample ID			
Tested	06/13/23		
Tester	TBUR		
Recorded	06/13/23		
<b>NITRATE (NO3) CONTENT</b>	2 PPM MAX PPM		<2 PPM
Sample ID			
Tested	06/13/23		
Tester	TBUR		
Recorded	06/13/23		
<b>PHOSPHATE CONTENT</b>	2 PPM MAX PPM		<2 PPM
Sample ID			
Tested	06/13/23		
Tester	TBUR		
Recorded	06/13/23		



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<b>SUBSTANCES REDUCING PERMANGANATE</b>	<b>PASSES TEST</b>	<b>PASSES TEST</b>
Sample ID	PASS	
Tested 06/13/23		
Tester TBUR		
Recorded 06/13/23		
<b>SULFATE (SO4) CONTENT</b>	<b>&lt; 2 PPM</b>	<b>&lt;2 PPM</b>
Sample ID	<b>MAX 60 MG/KG</b>	
Tested 06/13/23		
Tester TBUR		
Recorded 06/13/23		
<b>EXPIRATION DATE</b>	<b>MM/DD/YY</b>	<b>02/19/25</b>
Sample ID	<b>MM/DD/YYYY</b>	
Tested 06/13/23		
Tester TBUR		
Recorded 06/13/23		
<b>SHELF LIFE OF PRODUCT</b>	<b>SHELF LIFE</b>	<b>2 YEARS</b>
Sample ID	<b>TIME</b>	
Tested 06/13/23		
Tester TBUR		
Recorded 06/13/23		
<b>MANUFACTURE DATE</b>	<b>MM/DD/YY</b>	<b>02/20/23</b>
Sample ID	<b>MM/DD/YYYY</b>	
Tested 06/13/23		
Tester TBUR		
Recorded 06/13/23		
<b>Lot #</b> 316310		
<b>Made</b> 06/12/23		

**Quality Manager**