



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

<b>Packaged Product:</b> VEN012F			
Mixed Amine Stock Standard 1,000ppm w/v			
Test	Target/UOM	Range	Result
<b>PREPARED TO FORMULATION ON FILE</b>	YES		YES
Sample ID			
Tested 06/25/24			
Tester JTRA			
Recorded 06/25/24			
<b>CALCULATED MG/L DIETHANOLAMINE (DEA)</b>	1000.0 PPM	995.0 - 1005.0	1000.1
Sample ID			
Tested 06/25/24			
Tester JTRA			
Recorded 06/25/24			
<b>CALCULATED PPM METHYLAMINE</b>	1000.0 PPM	995.0 - 1005.0	1000.0
Sample ID			
Tested 06/25/24			
Tester JTRA			
Recorded 06/25/24			
<b>Calculated ppm MDEA (M3250)</b>	1000.0 PPM	995.0 - 1005.0	999.5
Sample ID			
Tested 06/25/24			
Tester JTRA			
Recorded 06/25/24			
<b>Calculated ppm DIPA (D4771)</b>	1000.0 PPM	995.0 - 1005.0	1000.3
Sample ID			
Tested 06/25/24			
Tester JTRA			
Recorded 06/25/24			
<b>Calculated ppm DGA (A4272)</b>	1000.0 PPM	995.0 - 1005.0	999.6
Sample ID			
Tested 06/25/24			
Tester JTRA			
Recorded 06/25/24			
<b>Calculated ppm Piperazine</b>	1000.0 PPM	995.0 - 1005.0	1000.2
Sample ID			
Tested 06/25/24			
Tester JTRA			
Recorded 06/25/24			
<b>Calculated PPM AMMONIA (NH3)</b>	1000.0 PPM	995.0 - 1005.0	1000.0
Sample ID			
Tested 06/25/24			
Tester JTRA			
Recorded 06/25/24			



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<b>APPEARANCE AND COLOR</b>	PASS APPEARANCE	PASS
Sample ID		
Tested 06/25/24		
Tester JTRA		
Recorded 06/25/24		
<b>INSTRUMENTS USED DURING PREPARATION</b>	INSTRUMENT	M115,VF1-Z43
Sample ID		
Tested 06/25/24		
Tester JTRA		
Recorded 06/25/24		
<b>EXPIRATION DATE</b>	MM/DD/YYYY MM/DD/YYYY	09/30/2024
Sample ID		
Tested 06/25/24		
Tester JTRA		
Recorded 06/25/24		
<b>Lot #</b> 4062472		
<b>Made</b> 06/25/24		

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**