

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

## Customer PO # :

Diethanolamine 100 ppm in 150 mM NaOH Stock           Test         Target/UOM         Range         Result           PREPARED TO FORMULATION ON         YES         YES           Sample ID         YES         YES           Tested         12/03/24         YES           Tester         JTRA         YES           Recorded         12/03/24         YES           CALCULATED PPM         100.0         99.5 - 100.5         100.0           DIETHANOLAMINE         PPM         Sample ID         YES           Sample ID         Tester         JTRA         PRECORD         PASS           APPEARANCE AND COL-OR         CLEAR LIQUID         PASS         PASS           Sample ID         Tested         12/03/24         PRECORD         PASS           Recorded         12/03/24         PREPARANCE         PASS           Sample ID         Tested         12/03/24         YES           Tested         12/03/24         YES         YES           Tested         12/03/24         YES         YES           Tested         12/03/24         YES         YES           Tested         12/03/24         YES         YES           Tested <td< th=""><th>Packaged Product</th><th>DOW085F</th><th></th><th></th><th></th></td<>	Packaged Product	DOW085F			
PREPARED TO FORMULATION ON YES YES YES FILE YES Sample ID Tested 12/03/24 Tester JTRA Recorded 12/03/24 CALCULATED PPM 100.0 99.5 - 100.5 100.0 DIETHANOLAMINE PPM Sample ID Tested 12/03/24 Tester JTRA Recorded 12/03/24 APPEARANCE AND COLOR CLEAR LIQUID Tested 12/03/24 Tester JTRA Recorded 12/03/24 EXPIRATION DATE MM//DD/YYYY 03/30/2025 MM//DD/YYYY	J. The second se		plamine 100 ppm in 150	mM NaOH Stock	
PREPARED TO FORMULITION ON     YES     YES       FILE     YES       FILE     YES       Sample JD     Tested     12/03/24       Tested     JTRA     JTRA       Recorded     12/03/24     100.0       Sample JD     PPM     00.0       Sample JD     PPM     100.0       Sample JD     PPM     100.0       Sample JD     PPM     100.0       Recorded     12/03/24     PPM       AppEARANCE AND CDLVF     QLEAR LIQUID     PASS       AppEARANCE     PASS     PASS       Sample JD     APPEARANCE     PASS       Tested     12/03/24     PASS       AppEARANCE     INSTRUMENT SUSU     VF100-K7,P172,P101,VF1-Z       Recorded     12/03/24     VF100-K7,P172,P101,VF1-Z       Recorded     12/03/24 <th>Test</th> <th></th> <th>Target/UOM</th> <th>Range</th> <th>Result</th>	Test		Target/UOM	Range	Result
Sample ID         Tested         12/03/24           Tester         JTRA           Recorded         12/03/24           CALCULATED PPM         100.0         99.5 - 100.5           CALCULATED PPM         PPM           Sample ID         Fested         12/03/24           Tested         12/03/24         Tested           Recorded         12/03/24         PPM           APPEARANCE ANDOL         CLEAR LIQUID         PASS           Recorded         12/03/24         PASS           Tested         12/03/24         PASS           Sample ID         Sample ID         PREARANCE           Sample ID         Tester         JTRA           Recorded         12/03/24         PREARANCE           Sample ID         INSTRUMENT         VF100-K7,P172,P101,VF1-Z           PREPARATON         Tester         JTRA           Recorded         12/03/24         PREORED           Sample ID         INSTRUMENT         VF100-K7,P172,P101,VF1-Z           PREPARATON         VF100-K7,P172,P101,VF1-Z           Recorded         12/03/24         PREORED           Tester         JTRA         PREORED           Recorded         12/03/24         PREORED	PREPARED TO FORMU	JLATION ON		~	YES
Tested         12/03/24           Tested         JTRA           Recorded         103/24           CALCULATED PPM         100.0           DIETHANOLAMINE         PPM           Sample ID         12/03/24           Tested         12/03/24           Recorded         12/03/24           APPEARANCE AND CL MOUS         CLEAR LIQUID           APPEARANCE         APPEARANCE           Sample ID         PASS           Tested         12/03/24           APPEARANCE         2/03/24           Recorded         12/03/24           Recorded         12/03/24           Tested         JTRA           Recorded         12/03/24           Tested         12/03/24           Recorded         12/03/24           Recorded         12/03/24           Recorded         12/03/24 <t< td=""><td>FILE</td><td></td><td>YES</td><td></td><td></td></t<>	FILE		YES		
Tester         JTRA Recorded         12/03/24           CALCULATED PPI         100.0         99.5 - 100.5         100.0           DIETHANOLAMINE         PPM         100.0         99.5 - 100.5         100.0           DIETHANOLAMINE         PPM         100.0         99.5 - 100.5         100.0           Sample ID Tested         12/03/24         PPM         100.0         100.0         100.0           APPEARANCE AND COLOR         Tester         JTRA Recorded         12/03/24         PASS         PASS           APPEARANCE         JTRA Recorded         12/03/24         PASS         PASS         PASS           Sample ID Tester         JTRA Recorded         12/03/24         PASS         PASS         PASS           NSTRUMENTS USED UNIC         INSTRUMENT         VF100-K7.P172.P101.VF1-Z         PREPARATION         VF100-K7.P172.P101.VF1-Z           PREPARATION         J2/03/24         MM/DD/YYYY         03/30/2025         03/30/2025           EXPIRATION DAT         MM/DD/YYYY         03/30/2025         03/30/2025           Sample ID Tested         12/03/24         03/30/2025         03/30/2025	Sample ID				
Recorded         12/03/24           CALCULATED PPM         100.0         99.5 - 100.5         100.0           DIETHANOLAMINE         PPM         100.0         99.5 - 100.5         100.0           Sample ID         Fested         12/03/24         12/03/24         12/03/24           Tester         JTRA         APPEARANCE AND C/US         PASS         APPEARANCE           Sample ID         CLEAR LIQUID         PASS         PASS           Sample ID         Tested         12/03/24         PASS           Recorded         12/03/24         PASS         PASS           Tested         12/03/24         PASS         PASS           Sample ID         Tested         12/03/24         PASS         PASS           Recorded         12/03/24         PASS         PASS         PASS           Sample ID         Tested         12/03/24         PASS         PASS           Sample ID         MM/DD/YYYY         03/30/2025         PASS           Sample ID         MM/DD/YYYY         03/30/2025         PASS           MM/DD/YYYY         MM/DD/YYYY         03/30/2025	Tested	12/03/24			
CALCULATED PPM100.099.5 · 100.5100.0DIETHANOLAMINEPPMSample IDTested12/03/24Tested12/03/24PASSAPPEARANCE AND CVCLEAR LIQUID APPEARANCEPASSSample IDCLEAR LIQUID Tested12/03/24Tester12/03/24PASSRecorded12/03/24PASSTesterUTRA RecordedVF100-K7,P172,P101,VF1-ZPREPARATIONVF100-K7,P172,P101,VF1-ZPREPARATIONJTRA RecordedVF100-K7,P172,P101,VF1-ZPREPARATIONJTRA RecordedJTRA Recorded03/30/2025EXPIRATIONM//DD/YYYY M//DD/YYYY03/30/2025	Tester	JTRA			
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Sample ID         Tested         12/03/24           Tested         JTRA           Recorded         12/03/24           APPEARANCE AD CO-V         CLEAR LIQUID           Sample ID         APPEARANCE           Tested         12/03/24           Sample ID         APPEARANCE           Tested         12/03/24           Tested         12/03/24           Tested         12/03/24           Tested         12/03/24           Recorded         12/03/24           Recorded         12/03/24           Sample ID         Tested           Tested         12/03/24           Recorded         12/03/24           Tested         12/03/24           Tested         12/03/24           Recorded         12/03/24           Tested         12/03/24           Recorded         12/03/24           MM/DD/YYYY	CALCULATED PPM		100.0	99.5 - 100.5	100.0
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Tester       JTRA         Recorded       12/03/24         APPEARANCE AND CUUR       CLEAR LIQUID         APPEARANCE       PASS         APPEARANCE       PASS         Sample ID       Tested       12/03/24         Tester       JTRA       PREORATION         Recorded       12/03/24       VF100-K7,P172,P101,VF1-Z         PREPARATION       VF100-K7,P172,P101,VF1-Z         Sample ID       Sample ID         Tester       12/03/24         Recorded       12/03/24         Recorded       12/03/24         MU/DD/YYYY       03/30/2025         MM/DD/YYYY       03/30/2025         Sample ID       MM/DD/YYYY         Sample ID       MM/DD/YYYY         Sample ID       Sample ID         Tested       12/03/24         Sample ID       MM/DD/YYYY	Sample ID				
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APPEARANCE Sample ID Tested 12/03/24 Tester JTRA Recorded 12/03/24 INSTRUMENTS USED UNIC VF100-K7,P172,P101,VF1-Z PREPARATION Sample ID Tested 12/03/24 EXPIRATION DATE MM//DD/YYYY 03/30/2025 Sample ID Tested 12/03/24	Recorded	12/03/24			
Sample ID Tested 12/03/24 Tester JTRA Recorded 12/03/24 INSTRUMENTS USED UNG INSTRUMENT VF100-K7,P172,P101,VF1-Z PREPARATION PREPARATION Tested 12/03/24 Tester JTRA Recorded 12/03/24 EXPIRATION DATE MM//DD/YYYY 03/30/2025 MM//DD/YYYY 03/30/2025 MM//DD/YYYY	APPEARANCE AND COLOR		CLEAR LIQUID		PASS
Tested12/03/24TesterJTRARecorded12/03/24INSTRUMENTS USED URINGINSTRUMENTPREPARATIONVF100-K7,P172,P101,VF1-ZSample IDTestedTester12/03/24Recorded12/03/24EXPIRATION DATEMM/DD/YYYYSample IDSample IDTested12/03/24			APPEARANCE		
Tested         12/03/24           Tester         JTRA           Recorded         12/03/24           INSTRUMENTS USED URING         INSTRUMENT           PREPARATION         VF100-K7,P172,P101,VF1-Z           Sample ID         Tested           Tester         JTRA           Recorded         12/03/24           Tested         12/03/24           Tester         JTRA           Recorded         12/03/24           EXPIRATION DATE         MM/DD/YYYY           Sample ID         03/30/2025           MM/DD/YYYY         03/30/2025	Sample ID				
Recorded       12/03/24         INSTRUMENTS USED URING       INSTRUMENT         PREPARATION       VF100-K7,P172,P101,VF1-Z         Sample ID       Tested       12/03/24         Tester       JTRA         Recorded       12/03/24         EXPIRATION DATE       MM/DD/YYYY         Sample ID       03/30/2025         Tested       12/03/24         EXPIRATION DATE       MM/DD/YYYY         Sample ID       MM/DD/YYYY         Tested       12/03/24					
Recorded       12/03/24         INSTRUMENTS USED URING       INSTRUMENT         PREPARATION       VF100-K7,P172,P101,VF1-Z         Sample ID       Tested       12/03/24         Tester       JTRA         Recorded       12/03/24         EXPIRATION DATE       MM/DD/YYYY         Sample ID       03/30/2025         Tested       12/03/24         EXPIRATION DATE       MM/DD/YYYY         Sample ID       MM/DD/YYYY         Tested       12/03/24	Tester	JTRA			
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EXPIRATION DATE         MM/DD/YYYY         03/30/2025           MM/DD/YYYY         MM/DD/YYYY           Sample ID         12/03/24					
EXPIRATION DATE         MM/DD/YYYY         03/30/2025           MM/DD/YYYY         MM/DD/YYYY         03/30/2025           Sample ID         12/03/24         12/03/24	Recorded	12/03/24			
Sample ID Tested 12/03/24	EXPIRATION DATE		MM/DD/YYYY		03/30/2025
Tested 12/03/24			MM/DD/YYYY		
Tested 12/03/24	Sample ID				
	Tester	JTRA			
Recorded 12/03/24					
Lot # 4120374	Lot # 41203	374			
Made 12/03/24					

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.

huland SPA