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Date: 07/13/23 at 4:46 PM

## 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	Packaged Product:	DOW085F			
PREPARED TO FORMULATION ON	-		nine 100 ppm in 150	) mM NaOH Stock	
PREPARED TO FORMULATION ON	Test		Target/UOM	Range	Result
Sample ID	PREPARED TO FORMU				YES
Tested 07/13/23 Tester AFRE Recorded 07/13/23  CALCULATED PPM 100.0 99.5 - 100.5 100.0  DIETHANOLAMINE PPM  Sample ID Tested 07/13/23 Tester AFRE Recorded 07/13/23  APPEARANCE AND COLOR Sample ID Tested 07/13/23  APPEARANCE AND COLOR Tested 07/13/23  APPEARANCE AND COLOR Tested 07/13/23  Tester AFRE Recorded 07/13/23  NSTRUMENTS USED UNING P124,P129,VF1-Z20	FILE		YES		
Tester AFRE Recorded 07/13/23  CALCULATED PPM 100.0 99.5 - 100.5 100.0  DIETHANOLAMINE PPM  Sample ID  Tested 07/13/23  Tester AFRE Recorded 07/13/23  APPEARANCE AND COLOR CLEAR LIQUID APPEARANCE  Sample ID  Tested 07/13/23  APPEARANCE  Sample ID  Tested 07/13/23  APPEARANCE  Sample ID  Tested 07/13/23  Tester AFRE Recorded 07/13/23  Tester AFRE Recorded 07/13/23  Tester AFRE Recorded 07/13/23  NSTRUMENTS USED DURING INSTRUMENT  P124,P129,VF1-Z20	Sample ID				
Recorded 07/13/23  CALCULATED PPM 100.0 99.5 - 100.5 100.0  DIETHANOLAMINE PPM  Sample ID  Tested 07/13/23  Tester AFRE Recorded 07/13/23  APPEARANCE AND COLOR  Sample ID  Tested 07/13/23  APPEARANCE  Sample ID  Tested 07/13/23  Tester AFRE Recorded 07/13/23  Tester AFRE Recorded 07/13/23  Tester AFRE Recorded 07/13/23  Tester AFRE Recorded 07/13/23  NSTRUMENTS USED DURING INSTRUMENT  P124,P129,VF1-Z20	Tested	07/13/23			
### CALCULATED PPM	Tester	AFRE			
DIETHANOLAMINE       PPM         Sample ID         Tester AFRE         Recorded 07/13/23         APPEARANCE AND COLOR       CLEAR LIQUID APPEARANCE         Sample ID         Tested 07/13/23       Tester AFRE Recorded 07/13/23         Recorded 07/13/23       INSTRUMENTS USED DURING         NSTRUMENTS USED DURING	Recorded	07/13/23			
Sample ID  Tested 07/13/23  Tester AFRE Recorded 07/13/23  APPEARANCE AND COLOR CLEAR LIQUID PASS  APPEARANCE  Sample ID  Tested 07/13/23  Tester AFRE Recorded 07/13/23  Tester AFRE Recorded 07/13/23  NSTRUMENTS USED DURING INSTRUMENT P124,P129,VF1-Z20	CALCULATED PPM		100.0	99.5 - 100.5	100.0
Tested 07/13/23 Tester AFRE Recorded 07/13/23  APPEARANCE AND COLOR CLEAR LIQUID PASS  APPEARANCE  Sample ID  Tested 07/13/23 Tester AFRE Recorded 07/13/23  NSTRUMENTS USED DURING INSTRUMENT P124,P129,VF1-Z20	DIETHANOLAMINE		PPM		
Tester AFRE	Sample ID				
Recorded       07/13/23         APPEARANCE AND COLOR       CLEAR LIQUID       PASS         APPEARANCE       Sample ID         Tested       07/13/23       Tester AFRE         Recorded       07/13/23         NSTRUMENTS USED DURING       INSTRUMENT	Tested	07/13/23			
APPEARANCE AND COLOR CLEAR LIQUID PASS  APPEARANCE  Sample ID  Tested 07/13/23  Tester AFRE  Recorded 07/13/23  NSTRUMENTS USED DURING INSTRUMENT P124,P129,VF1-Z20	Tester	AFRE			
APPEARANCE  Sample ID  Tested 07/13/23  Tester AFRE  Recorded 07/13/23  NSTRUMENTS USED DURING INSTRUMENT P124,P129,VF1-Z20	Recorded	07/13/23			
Sample ID         Tested       07/13/23         Tester       AFRE         Recorded       07/13/23         NSTRUMENTS USED DURING       INSTRUMENT         P124,P129,VF1-Z20	APPEARANCE AND COLOR		CLEAR LIQUID		PASS
Tested         07/13/23           Tester         AFRE           Recorded         07/13/23           NSTRUMENTS USED DURING         INSTRUMENT           P124,P129,VF1-Z20			APPEARANCE		
Tester AFRE  Recorded 07/13/23  NSTRUMENTS USED DURING INSTRUMENT P124,P129,VF1-Z20	Sample ID				
Recorded 07/13/23  NSTRUMENTS USED DURING INSTRUMENT P124,P129,VF1-Z20	Tested	07/13/23			
NSTRUMENTS USED DURING INSTRUMENT P124,P129,VF1-Z20	Tester	AFRE			
	Recorded	07/13/23			
PREPARATION	INSTRUMENTS USED D	URING	INSTRUMENT		P124,P129,VF1-Z20
1	PREPARATION				
Sample ID	Sample ID				
Tested 07/13/23	Tested	07/13/23			
Tester AFRE	Tester	AFRE			
Recorded 07/13/23	Recorded	07/13/23			
Lot # 3071359	Lot # 30713	59			
Made 07/13/23	/				

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** 

hichard Stol