

Page: 1

Date: 03/08/24 at 1:45 PM

## Aqua Solutions, Inc. 6913 Highway 225 Deer Park, TX, 77536 281/479-2569

## **Certificate of Analysis / QC Results**

Customer PO #:

Packaged Product	7259			
J		JM HYDROXIDE 0.5 NORMA	HYDROXIDE 0.5 NORMAL IN IPA	
Test		Target/UOM	Range	Result
PREPARED TO FORM	JLATION ON	YES		YES
FILE		YES		
Sample ID				
Tested	03/08/24			
Tester	SHAR			
Recorded	03/08/24			
SAMPLE COLLECTION & HANDLING		YES		YES
PER LAB040		YES		
Sample ID				
Tested	03/08/24			
Tester	SHAR			
Recorded	03/08/24			
DATE OF SAMPLING F	OR TEST	MM/DD/YYYY		03/08/2024
PURPOSES		MM/DD/YYYY		
Sample ID				
Tested	03/08/24			
Tester	SHAR			
Recorded	03/08/24			
AMBIENT TEMPERATU	IRE DURING	25.0	10.0 - 35.0	21.0
SAMPLING DEGC		DEG C		
Sample ID				
Tested	03/08/24			
Tester	SHAR			
Recorded	03/08/24			
DATE OF TESTING OF	SAMPLE	MM/DD/YYYY		03/08/2024
		MM/DD/YYYY		
Sample ID				
Tested	03/08/24			
Tester	SHAR			
Recorded	03/08/24			
AMBIENT TEST TEMP		20.0	15.0 - 30.0	21.0
DEG C		DEG C		
Sample ID				
Tested	03/08/24			
Tester	SHAR			
Recorded	03/08/24			
Actual Normality	33, 30, <b>L</b> 1	0.5000	0.4990 - 0.5010	0.4998
		EQ/L	0.00.0	3333
Sample ID				
Tested	03/08/24			
Tester	SHAR			
Recorded	03/08/24			
N.I.S.T. Traceable to Si		YES		YES
	07 (KHF)	YES		ILO
O		ILO		
Sample ID				
Tested	03/08/24			
Tester	SHAR			
Recorded	03/08/24			

03/08/24

Made

Page: 2

Date: 03/08/24 at 1:45 PM

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

## Customer PO #:

APPEARANCE AND COLOR	CLEAR TO SLIGHTLY MILKY APPEARANCE		PASS
Sample ID			
	08/24		
Tester SH	AR		
Recorded 03/0	08/24		
INSTRUMENTS USED DURIN	IG INSTRUMENT		M103,VF12-3,M55,BID079,PID
PREPARATION			M91
Sample ID			
	08/24		
Tester SH	AR		
Recorded 03/0	08/24		
Actual Density	0.81114	0.81023 - 0.81206	0.81070
	GM/ML		
Sample ID			
Tested 03/0	08/24		
Tester SH	AR		
Recorded 03/0	08/24		
EXPIRATION DATE	MM/DD/YY		09/30/24
	MM/DD/YYYY		
Sample ID			
	08/24		
Tester SH	AR		
Recorded 03/0	08/24		
<b>Lot #</b> 4030671			

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