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Date: 08/17/23 at 2:18 PM

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

Certificate of Analysis / QC Results

Customer PO #:

Packaged Product				
		JM HYDROXIDE 0.02 NORM	YDROXIDE 0.02 NORMAL IN IPA	
Test		Target/UOM	Range	Result
PREPARED TO FORM	ULATION ON	YES		YES
FILE		YES		
Sample ID				
Tested	08/17/23			
Tester	JENC			
Recorded	08/17/23			
SAMPLE COLLECTION	I & HANDLING	YES		YES
PER LAB040		YES		
Sample ID				
Tested	08/17/23			
Tester	JENC			
Recorded	08/17/23			
DATE OF SAMPLING F		MM/DD/YYYY		08/17/23
PURPOSES	OII ILOI	MM/DD/YYYY		00/17/23
		IVIIVI/DD/ T T Y Y		
Sample ID				
Tested	08/17/23			
Tester	JENC			
Recorded				
AMBIENT TEMPERATI	JRE DURING	25.0	10.0 - 35.0	21.7
SAMPLING DEGC		DEG C		
Sample ID				
Tested	08/17/23			
Tester	JENC			
Recorded	08/17/23			
DATE OF TESTING OF SAMPLE		MM/DD/YYYY MM/DD/YYYY		08/17/23
Sample ID				
Tested	08/17/23			
Tester	JENC			
Recorded	08/17/23			
AMBIENT TEST TEMP		20.0	15.0 - 30.0	21.7
DEG C		DEG C	. 5.5	2
		523 3		
Sample ID				
Tested	08/17/23			
Tester	JENC			
Recorded	08/17/23	0.0000	0.0405 0.0005	0.0400
Actual Normality		0.0200 EQ/L	0.0195 - 0.0205	0.0196
Sample ID				
Tested	08/17/23			
Tester	JENC			
Recorded				
QCSP7: STANDARDIZ		YES		YES
AQUEOUS BASES		METHOD		-
Sample ID				
Tested				
	08/17/23			
Tester	JENC			
Recorded	08/17/23			

08/17/23

Made

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Customer PO #:

N.I.S.T. Traceable to SRM 84 (KHP)		YES YES		YES
Tester	08/17/23 JENC 08/17/23			
APPEARANCE AND COLOR		CLEAR WATER WHITE TO LIGHT HAZY		PASS
		APPEARANCE		
Tester	08/17/23 JENC 08/17/23	,		
Actual Density	00/17/23	0.78683	0.78633 - 0.78732	0.78722
		GM/ML		*
Sample ID				
•	08/17/23			
Tester	JENC			
Recorded	08/17/23			
INSTRUMENTS USED DURING		INSTRUMENT		M103,T-32,M55,BID06419,PID
PREPARATION				M91
Tester	08/17/23 JENC 08/17/23			
EXPIRATION DATE	00/11/20	MM/DD/YYYY		08/30/24
		MM/DD/YYYY		
Sample ID				
•	08/17/23			
Tester	JENC			
Recorded	08/17/23			
Lot # 308080	07			

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