

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

Customer PO # :

Packaged Product:	ERL114AF			
	POTASSIUN	M HYDROXIDE 0.1 NORMA	AL IN IPA	
Test		Target/UOM	Range	Result
PREPARED TO FORMUL	ATION ON	YES	V	YES
FILE		YES		
Sample ID				
	02/15/24			
	MHUS			
Recorded	02/15/24			
SAMPLE COLLECTION 8	& HANDLING	YES		YES
PER LAB040		YES		
Sample ID				
-	02/15/24			
	MHUS			
	02/15/24			
DATE OF SAMPLING FO		MM/DD/YYYY		03/05/2024
PURPOSES		MM/DD/YYYY		
Sample ID				
	02/15/24			
	MHUS			
	02/15/24			
AMBIENT TEMPERATUR		25.0	10.0 - 35.0	22.0
SAMPLING DEGC		DEG C		
Sample ID				
-	02/15/24			
	MHUS			
	02/15/24			
DATE OF TESTING OF S		MM/DD/YYYY		03/05/2024
		MM/DD/YYYY		00,00,2021
Sample ID				
-	02/15/24			
	MHUS			
	02/15/24			
AMBIENT TEST TEMPER		20.0	15.0 - 30.0	22.0
DEG C		DEG C	10.0 00.0	22.0
		BEGO		
Sample ID Tested	00/15/04			
	02/15/24 MHUS			
	02/15/24			
LOT NUMBER OF ORIGI		BULK LOT NUMBER		3111306
MATERIAL		LOT #		3111300
		201 #		
Sample ID Tested	00/15/04			
	02/15/24			
	MHUS			
	02/15/24	0 1000	0.0005 0.1005	0.0002
Actual Normality		0.1000 EQ/	0.0995 - 0.1005	0.0992
		EQ/L		
Sample ID				
	02/15/24			
	MHUS			
Recorded	02/15/24			



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Customer PO # :

Sample ID Tested 02/15/24 Recorded 02/15/24 NLS.T. Traceable to SRM V(KP) YES Sample ID Tested 02/15/24 Tester MHUS Recorded 02/15/24 Tester MHUS Recorded 02/15/24 Tester MLUS Recorded 02/15/24 TESTER MLUS Recorded 02/15/24 TESTER MLUS Recorded 02/15/24 TESTER MLUS Recorded 02/15/24 TESTER MLUS Recorded 02/15/24 TESTER MLUS Recorded 02/15/24 TESTER MLUS Recorded 02/15/24 TESTER MLUS Recorded 02/15/24 TESTER MLUS Recorded 02/15/24 TESTER TESTER MLUS Recorded 02/15/24 TESTER	Actual Density	0.79116 GM/ML	0.78994 - 0.79237	0.79119
Sample ID Tested 02/15/24 Pecorded 02/15/24 APPEARANCE AND COLUR CLEAR-SLIGHTLY HAZY PASS LiQUID APPEARANCE Sample ID Tested 02/15/24 Tester MHUS Recorded 02/15/24 INSTRUMENTS USED UNING LAB EQUIPMENT BID-3902,PID-M91 PREPARATION INSTRUMENT Sample ID Tester MHUS Recorded 02/15/24 EXPIRATION DATE MHUS Recorded 02/15/24 Sample ID Tester MHUS Recorded 02/15/24 Sample ID Tester MHUS Recorded 02/15/24 Sample ID Tester MHUS Recorded 02/15/24 INSTRUMENT 03/05/2024 INSTRUMENT 1000000000000000000000000000000000000	Tested 02/15/24 Tester MHUS Recorded 02/15/24			YES
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LiQUID APPEARANCE Sample ID Tested 02/15/24 Tester MHUS Recorded 02/15/24 Tester 02/1	Tested 02/15/24 Tester MHUS Recorded 02/15/24			
Sample ID Tested 02/15/24 Tested 02/15/24 Recorded 02/15/24 INSTRUMENTS USED UFING BID-3902,PID-M91 PREPARATION INSTRUMENT Sample ID INSTRUMENT Recorded 02/15/24 Recorded 02/15/24 Tested 02/15/24 Recorded 02/15/24 Sample ID MM/DD/YYYY Sample ID MM/DD/YYYY Sample ID MM/DD/YYYY Sample ID MM/DD/YYYY Sample ID Tested Recorded 02/15/24 Fester MHUS Recorded 02/15/24 Tester MHUS Recorded 02/15/24 Tester MHUS Recorded 02/15/24 Tester MHUS Recorded 02/15/24 Tester 02/15/24 Tester 02/15/24 Tester 02/15/24 Tester 02/15/24 Tester 02/15/24 Recorded 02/	APPEARANCE AND COLOR	LIQUID		PASS
Tested 02/15/24 Tester MHUS Recorded 02/15/24 INSTRUMENTS USED UURING BID-3902,PID-M91 PREPARATION INSTRUMENT Sample ID Tested Tested 02/15/24 Recorded 02/15/24 Recorded 02/15/24 Sample ID MM/DD/YYYY Sample ID MM/DD/YYYY Sample ID MM/DD/YYYY Sample ID MHUS Recorded 02/15/24 Sample ID 1 Tester MHUS Recorded 02/15/24 Tester MHUS Recorded 02/15/24 Tester MHUS Recorded 02/15/24 Tester MHUS Recorded 02/15/24 Tester 02/15/24 Tester MHUS Recorded 02/15/24 Tester 02/15/24 Tester MHUS Recorded 02/15/24 <tr< th=""><th>Sample ID</th><td>ATTEARANOE</td><td></td><td></td></tr<>	Sample ID	ATTEARANOE		
Tester Recorded MHUS Q2/15/24 INSTRUMENTS USED LAB EQUIPMENT BID-3902,PID-M91 PREPARATION INSTRUMENT BID-3902,PID-M91 PREPARATION INSTRUMENT Sample ID Sample ID Tested 02/15/24 Automation Opposite Recorded 02/15/24 Automation Opposite Opposite Recorded 02/15/24 Automation Opposite Opposit <t< th=""><th></th><td></td><td></td><td></td></t<>				
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Tested 02/15/24 Tester MHUS Recorded 02/15/24 EXPIRATION DATE MM/DD/YYYY Sample ID MM/DD/YYYY Tested 02/15/24 Tested 02/15/24 Tested 02/15/24 Tested 02/15/24 Tester MHUS Recorded 02/15/24 Tester MHUS Recorded 02/15/24 Tester 02/15/24 Sample ID Time Sample ID 1 WEEK Tested 02/15/24 Tester 02/15/24 Tester 02/15/24 Tester 02/15/24 Tester 02/15/24 Tester 02/15/24 Tester 02/15/24 Recorded 02/15/24 Recorded 02/15/24	PREPARATION	INSTRUMENT		
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SHELF LIFE OF PRODUCT 1 WEEK 1 WEEK Time Time Sample ID 02/15/24 Tester 0HUS Recorded 02/15/24 4021207 V				
TIME Sample ID Tested 02/15/24 Tester MHUS Recorded 02/15/24 Lot # 4021207				
Tested 02/15/24 Tester MHUS Recorded 02/15/24 Lot # 4021207	SHELF LIFE OF PRODUCT			IWEEK
Tester MHUS Recorded 02/15/24 Lot # 4021207	-			
Recorded 02/15/24 Lot # 4021207				
Lot # 4021207				
Mada 02/15/24				
Made 02/13/24	Made 02/15/24			

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.



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Unless otherwise agreed to, all chemicals used in the preparation of this product are Reagent ACS grade.

hickard St

Quality Manager