

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

Customer PO # :

.	<u>۳</u> ۳ ۲ 1 1 ۸ ۳			
Packaged Product:	ERL114AF		T TN TON	
	POTASSIU	M HYDROXIDE 0.1 NORMA		
Test		Target/UOM	Range	Result
PREPARED TO FORMUL	ATION ON	YES		YES
FILE		YES		
Sample ID				
	01/31/24			
	MHUS			
	01/31/24			
SAMPLE COLLECTION &		YES		YES
PER LAB040		YES		
Sample ID				
Tested	01/31/24			
	MHUS			
	01/31/24			
DATE OF SAMPLING FOR	R TEST	MM/DD/YYYY		01/31/2024
PURPOSES		MM/DD/YYYY		
Sample ID				
Tested	01/31/24			
Tester	MHUS			
Recorded	01/31/24			
AMBIENT TEMPERATUR	E DURING	25.0	10.0 - 35.0	22.0
SAMPLING DEGC		DEG C		
Sample ID				
Tested	01/31/24			
Tester	MHUS			
Recorded	01/31/24			
DATE OF TESTING OF SA	AMPLE	MM/DD/YYYY		01/31/2024
		MM/DD/YYYY		
Sample ID				
Tested	01/31/24			
Tester	MHUS			
Recorded	01/31/24			
AMBIENT TEST TEMPER	ATURE	20.0	15.0 - 30.0	22.0
DEG C		DEG C		
Sample ID				
	01/31/24			
Tester	MHUS			
Recorded	01/31/24			
LOT NUMBER OF ORIGIN	NAL	BULK LOT NUMBER		3111306
MATERIAL		LOT #		
Sample ID				
Tested	01/31/24			
Tester	MHUS			
Recorded	01/31/24			
Actual Normality		0.1000	0.0995 - 0.1005	0.0991
		EQ/L		
Sample ID				
Tested	01/31/24			
	MHUS			
Recorded	01/31/24			



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

Customer PO # :

Sample ID Tested 01/31/24 Recorded 01/31/24 NLS.T. Traceable to SRW # (KHP) VES YES Sample ID Tested 01/31/24 Tester MHUS Recorded 01/31/24 Tester 01/31/24 Teste	Actual Density	0.7911 GM/M		7 0.79107
YES Sample ID Tested 01/31/24 Tester MHUS Recorded 01/31/24 APPEARANCE AND COLOR CLEAR-SLIGHTLY HAZY PASS LIQUID APPEARANCE APPEARANCE Sample ID Tested 01/31/24 Tested 01/31/24 APPEARANCE Recorded 01/31/24 APPEARANCE<	Tested 0 Tester M Recorded 0	1/31/24 IHUS 1/31/24		
Sample ID Tested 01/31/24 Necorded 01/31/24 APPEARANCE AND COUST CLEAR-SLIGHTLY HAZY LIQUID PASS Sample ID Tested 01/31/24 PASS Sample ID Tested 01/31/24 PASS Recorded 01/31/24 PASS Recorded 01/31/24 PASS Recorded 01/31/24 PASS PREPARATON INSTRUMENTS USED LAB EQUIPMENT Sample ID Tested 01/31/24 PASS Recorded 01/31/24 PASS Recorded 01/31/24 PASS Sample ID Tested 01/31/24 PASS Recorded 01/31/24 PASS Sample ID Tested 01/31/24 1 WEEK Sample ID Tested 01/31/24 1 WEEK	N.I.S.T. Traceable to SRM	· · ·		YES
Tested 01/31/24 Tester MHUS Recorded 01/31/24 APPEARANCE AND COUST CLEAR-SLIGHTLY HAZY LIQUID LIQUID Sample ID APPEARANCE Tested 01/31/24 Tested 01/31/24 Tested 01/31/24 Tested 01/31/24 Recorded 01/31/24 Tested 01/31/24 Tested 01/31/24 Recorded 01/31/24 Tested 01/31/24 Tested 01/31/24 Recorded 01/31/24 Tested 01/31/24 Recorded 01/31/24 Tested 01/31/24 Recorded 01/31/24 Sample ID MMUDD/YYYY Sample ID MMUD/YYYY Sample ID HUS Recorded 01/31/24 Sample ID HUS Recorded 01/31/24 Sample ID HUS Recorded 01/31/24 <th>Sampla ID</th> <th>YES</th> <th></th> <th></th>	Sampla ID	YES		
APPEARANCE AND COLOR CLEAR-SLIGHTLY HAZY LIQUID APPEARANCE PASS Sample ID Tested 01/31/24 01/31/24 Tester MHUS MHUS Recorded 01/31/24 Tester MHUS Recorded 01/31/24 Tester MHUS Recorded 01/31/24 Tester M55,M91,BID3902,TID53326 PREPARATION INSTRUMENT Sample ID Tested 01/31/24 MM/DD/YYYY Recorded 01/31/24 Tester Sample ID Tested 01/31/24 MM/DD/YYYY Sample ID Tested 01/31/24 Tester Apper All DU Tester 01/31/24 Tester Apper All DU Tester 01/31/24 Tester Apper All DU Tester 01/31/24	Tested 0 Tester M	IHUS		
Sample ID Teste0 01/31/24 Teste0 01/31/24 NHUS Recorded 01/31/24 M55,M91,BID3902,TID53326 PREPARATION INSTRUMENT M55,M91,BID3902,TID53326 PREPARATION INSTRUMENT M55,M91,BID3902,TID53326 Sample ID INSTRUMENT M55,M91,BID3902,TID53326 Teste0 01/31/24 M55,M91,BID3902,TID53326 Recorded 01/31/24 VIS Recorded 01/31/24 VIS Recorded 01/31/24 VIS Sample ID MM/DD/YYYY 02/13/2024 Sample ID MM/DD/YYYY 02/13/2024 Sample ID MM/DD/YYYY 1/WEK Sample ID Teste0 01/31/24 Recorded 01/31/24 1/WEK Sample ID TIME 1/WEK Sample ID TIME 1/WEK Teste0 01/31/24 1/WEK Recorded 01/31/24 1/WEK Teste0 01/31/24 1/WEK Recorded 01/31/24 1/WEK Teste0 01/31/24 1/WEK			TLY HAZY	PASS
Tested 01/31/24 Tester MHUS Recorded 01/31/24 MENTRUMENTS USED JURING M55,M91,BID3902,TID53326 PREPARATION INSTRUMENT Sample ID INSTRUMENT Tested 01/31/24 Recorded 01/31/24 Recorded 01/31/24 Sample ID MM/DD/YYYY Sample ID MM/DD/YYYY Sample ID MM/DD/YYYY Sample ID MM/DD/YYYY Sample ID Tester Recorded 01/31/24 Sample ID Tester Recorded 01/31/24 Recorded 01/31/24 Tester MHUS Recorded 01/31/24 Tester 1 WEEK Tester 01/31/24 Tester 01/31/24 Tester 01/31/24 Tester 01/31/24 Tester 01/31/24 Tester 01/31/24 Recorded 01/31/24 Recorded				
Tester MHUS Recorded 01/31/24 INSTRUMENTS USED UKNC LAB EQUIPMENT PREPARATION INSTRUMENT Sample ID INSTRUMENT Tested 01/31/24 Tester 01/31/24 Tester 01/31/24 Tester 01/31/24 Tester 01/31/24 Recorded 01/31/24 Tester 01/31/24 Tester 01/31/24 Recorded 01/31/24 Tester 01/31/24 Tester 01/31/24 Tester 01/31/24 Tester 01/31/24 Recorded 01/31/24 Tester 01/31/2	Sample ID			
Recorded 01/31/24 INSTRUMENTS USED URING LAB EQUIPMENT M55,091,BID3902,TID53326 PREPARATION INSTRUMENT INSTRUMENT Sample ID Testen 01/31/24 Recorded 01/31/24 02/13/2024 Recorded 01/31/24 02/13/2024 EXPIRATION DATE MW/DD/YYYY 02/13/2024 Sample ID MW/DD/YYYY 02/13/2024 Sample ID Testen 01/31/24 Recorded 01/31/24 1 Recorded 01/31/24 1 Testen 01/31/24 1 Recorded 01/31/24 1 Recorded 01/31/24 1 Testen 01/31/24 1 Sample ID Testen 01/31/24 Testen 01/31/24 1 Recorded 01/31/24 1 Testen 01/31/24 1 Testen 01/31/24 1 Recorded 01/31/24 1 Recorded 01/31/24				
INSTRUMENTS USED URING LAB EQUIPMENT M55,M91,BID3902,TID53326 PREPARATION INSTRUMENT Sample ID Tested 01/31/24 Recorded 01/31/24 02/13/2024 EXPIRATION DATE MM/DD/YYYY 02/13/2024 Sample ID MM/DD/YYYY 02/13/2024 Sample ID MM/DD/YYYY 02/13/2024 Sample ID MM/DD/YYYY 02/13/2024 ShELF LIFE OF PRODUCT 1 WEEK 1 WEEK Sample ID Tested 01/31/24 Tested 01/31/24 1 WEEK Recorded 01/31/24 1 WEEK Tested 01/31/24 1 WEEK Recorded 01/31/24 1 WEEK Tested 01/31/24 1 WEEK Tested 01/31/24 1 WEEK Recorded 01/31/24				
PREPARATION INSTRUMENT Sample ID Tested 01/31/24 Tester MHUS Recorded 01/31/24 EXPIRATION DATE MM//DD/YYYY Sample ID Tester MHUS Recorded 01/31/24 SHELF LIFE OF PROJUT 1 WEEK TIME Sample ID Tested 01/31/24 Tester MHUS Recorded 01/31/24 Tester MHU				
Sample ID Tested 01/31/24 Tester MHUS Recorded 01/31/24 EXPIRATION DATE MM/DD/YYYY Sample ID 02/13/2024 Tested 01/31/24 Tester MHUS Sample ID Value Tested 01/31/24 Tester MHUS Recorded 01/31/24 SteLF LIFE OF PRODUCT 1 WEEK Time 1 WEEK Sample ID 1 WEEK Tested 01/31/24 Recorded 01/31/24 Tester 01/31/24 Lot # 4012915 5				M55,M91,BID3902,TID53326
Tested 01/31/24 Tester MHUS Recorded 01/31/24 EXPIRATION DATE MM/DD/YYYY Sample ID MM/DD/YYYY Sample ID MHUS Recorded 01/31/24 Tester MHUS Recorded 01/31/24 Tester MHUS Recorded 01/31/24 Tester MHUS Recorded 01/31/24 Sample ID 1 WEEK Tester MHUS Recorded 01/31/24 Tester 01/31/24 Tester 01/31/24 Lot # 40123-15			IENI	
Tester MHUS Recorded 01/31/24 EXPIRATION DATE MM/DD/YYYY Sample ID MM/DD/YYYY Tested 01/31/24 Tester MHUS Recorded 01/31/24 Tester MHUS Recorded 01/31/24 SHELF LIFE OF PRODUCT 1 WEEK Time 1 WEEK Sample ID 1 WEEK Tested 01/31/24 Shelf LIFE OF PRODUCT 1 WEEK Tested 01/31/24 Semple ID 1 WEEK Tested 01/31/24 Tester 01/31/24 Tester 01/31/24 Tester 01/31/24 Tester 01/31/24 Tester 01/31/24 Recorded 01/31/24 Recorded 01/31/24		1/31/0/		
Recorded 01/31/24 02/13/2024 EXPIRATION DATE MM/DD/YYYY 02/13/2024 Sample ID MM/DD/YYYY MM/DD/YYYY Sample ID 1/31/24 Fester Tested 01/31/24 NHUS SHELF LIFE OF PRODUCT 1 WEEK 1 WEEK Sample ID Time 1 WEEK Sample ID Time 1 WEEK Sample ID Time 1 WEEK Sample ID 1/31/24 1 WEEK Sample ID Time 1 WEEK Sample ID 1/31/24 1 WEEK Sample ID 1/31/24 1 WEEK Sample ID 1/31/24 1 WEEK Tester 01/31/24 1 WEEK Recorded 01/31/24 1 WEEK Recorded 01/31/24 1 WEEK	-			
MM/DD/YYYY Sample ID Tested 01/31/24 Tester MHUS Recorded 01/31/24 SHELF LIFE OF PRODUCT 1 WEEK TIME Sample ID Tested 01/31/24 Tester MHUS Recorded 01/31/24 Tester MHUS Recorded 01/31/24				
Tested 01/31/24 Tester MHUS Recorded 01/31/24 SHELF LIFE OF PRODUCT 1 WEEK Tested 01/31/24 Sample ID Tested Tester 01/31/24 Tester 01/31/24 Tester 01/31/24 Tester MHUS Recorded 01/31/24 Tester 01/31/24 Tester 01/31/24 HUS HUS Recorded 01/31/24	EXPIRATION DATE			02/13/2024
Tester MHUS Recorded 01/31/24 SHELF LIFE OF PRODUCT 1 WEEK 1 WEEK TIME Sample ID Tested 01/31/24 Tester MHUS Recorded 01/31/24 Lot # 4012915	Sample ID			
Recorded 01/31/24 SHELF LIFE OF PRODUCT 1 WEEK TIME Sample ID Tested 01/31/24 Tester MHUS Recorded 01/31/24 Lot # 4012915	Tested 0	1/31/24		
SHELF LIFE OF PRODUCT 1 WEEK 1 WEEK TIME 1 WEEK Sample ID 1 Tested 01/31/24 Tester MHUS Recorded 01/31/24				
TIME Sample ID Tested 01/31/24 Tester MHUS Recorded 01/31/24 Lot # 4012915				
Tested 01/31/24 Tester MHUS Recorded 01/31/24 Lot # 4012915	SHELF LIFE OF PRODUCT			1 WEEK
Tester MHUS Recorded 01/31/24 Lot # 4012915				
Recorded 01/31/24 Lot # 4012915				
Lot # 4012915				
Made 01/31/24				
inddo da	Made 01/31/2	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.



Page: 3 Date: 01/31/24 at 3:11 PM

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

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

hichard St

Quality Manager