

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

## Customer PO # :

Packaged Product:	S2415			
-		ACETATE TRIHYDRATE RGN	I ACS	
Test		Target/UOM	Range	Result
ASSAY OF MATERIAL		99.0-101.0%		99.9%
		%		
Sample ID				
Tested	05/06/24			
Tester	TBUR			
Recorded	05/06/24			
Insoluble matter		-0.005%</td <td></td> <td>&lt;0.005%</td>		<0.005%
		%		
Sample ID				
Tested	05/06/24			
Tester	TBUR			
Recorded	05/06/24			
PH OF A 5% SOLUTION		8.000	7.500 - 9.000	8.700
		PH		
Sample ID				
Tested	05/06/24			
Tester	TBUR			
Recorded	05/06/24			
CHLORIDE		=0.0005%</td <td></td> <td>&lt;0.0005%</td>		<0.0005%
		CHLORID		
Sample ID				
Tested	05/06/24			
Tester	TBUR			
Recorded	05/06/24			
PHOSPHATE CONTENT		=0.0002%</td <td></td> <td>&lt;0.0002%</td>		<0.0002%
		PPM		
Sample ID				
Tested	05/06/24			
Tester	TBUR			
Recorded	05/06/24			
SULFATE		=0.002%</td <td></td> <td>&lt;0.002%</td>		<0.002%
		PPM		
Sample ID				
Tested	05/06/24			
Tester	TBUR			
Recorded	05/06/24			
HEAVY METALS (AS LE		=0.0005%</td <td></td> <td>&lt;0.0005%</td>		<0.0005%
,		PPM		
Sample ID				
Tested	05/06/24			
Tester	TBUR			
Recorded	05/06/24			
CALCIUM CONTENT		=0.001%</td <td></td> <td>&lt;0.001%</td>		<0.001%
		PPM		
Sample ID				
Tested	05/06/24			
Tester	TBUR			
Recorded	05/06/24			
i iecolueu	00/00/24			



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Customer PO # :

Sample ID       Formation of Single ID         Searcher of Single ID       Single ID         Tester of Single ID       Single ID         Sample ID       Single ID         Tester of Single ID       Single ID         Sample ID       Single ID         Sample ID       Single ID         PPM       Single ID         Sample ID       Single ID         Permandanter Formation ID       PPM         PPM       Single ID         Sample ID       Single ID         Permandanter Formation ID       PASSE STEST         Permandanter Formation ID       PASS         Sample ID       MMDD/YY         Tester ID       Single ID         Mondo ID/YYY       MINDD/YYY         Sample ID       Single ID         Tester ID       Single ID         Tester ID       Single ID <th></th> <th></th> <th></th> <th></th>				
Sample ID Tested 0506/24 Recorded 0506/24 Sample ID Tested 0506/24 Tester TDUR Recorded 0506/24 Tester 0506/24 Tester 0506/24 Tester 0506/24 Tester 0506/24 Tester 0506/24 Tester 0506/24 Tester 7BUR Recorded 0506/24 Tester 7BUR Reco	IRON			<0.0005%
Tested Recorded         05/06/24 05/06/24           POTASSIUM CONTENT         -           Tested Tested         05/06/24           Tested         05/06/24           Tested         05/06/24           Tested         05/06/24           Recorded         05/06/24           Recorded         05/06/24           Recorded         05/06/24           Recorded         05/06/24           Tester         TBUR           Sample ID         -           Tester         05/06/24           Tester         05/06/24           Tester         05/06/24           Tester         05/06/24           Tester         05/06/24           Tester         05/06/24           Tester         TBUR           Recorded         05/06/24           Tester         TBUR           Recorded         05/06/24           Tester         TBUR           Sample ID         -           Tester         TBUR           Recorded         05/06/24           Tester         TBUR           Recorded         05/06/24           Tester         TBUR           Recorded <th></th> <th></th> <th>PPM</th> <th></th>			PPM	
Tester         BUR Recorded         Stample U           POTASSUM CONTENT         ~         <0.005%           PPM          <0.005%           Sample JD             Tested         05/06/24            Tested         05/06/24            Tested         05/06/24            Tested         05/06/24            Tested         05/06/24            Tested         05/06/24            Recorded         05/06/24            Tested         05/06/24            Recorded         05/06/24            Tested         05/06/24            Tested         05/06/24            Tested         05/06/24            Tested         05/06/24            Tested         05/06/24            Tested         05/06/24            Recorded         05/06/24            Tested         05/06/24            Recorded         05/06/24            Tested         05/06/24				
Recorded         05/06/24            PDTASSIUM CONTENT				
POTASSIUM CONTENT <ul> <li></li></ul>				
Sample ID       Sample ID         Tested       05/06/24         Tested       05/06/24         Recorded       05/06/24         Sample ID       PPM         Tested       05/06/24         Recorded       05/06/24         Tested       05/06/24         Recorded       05/06/24         Tested       05/06/24         Recorded       05/06/24         Recorded       05/06/24         Sample ID       MM/DD/YY         Sample ID       MM/DD/YYY         Sample ID       MM/DD/YYY         Sample ID       Title         Sample ID       Title         Sample ID       MM/DD/YYY         Sample ID       Title         Sample ID       MM/DD/YY         Tested       05/06/24         Recorded       05/06/24         Recorded       05/06/24         Tested       05/06/24         Recorded       05/06/				
Sample ID Tested 05/06/24 Recorded 05/06/24 Tester 100/07/24 Tester 100/07/24 Recorded 05/06/24 Tester 100/07/24 Recorded 05/06/24 Tester 100/07/24 Recorded 05/06/24 Tester 100/07/24 Recorded 05/06/24 Tester 100/07/24 Recorded 05/06/24 Tester 100/07/24 Recorded 05/06/24 Tester 00/06/24 Tester 100/07/24 Recorded 05/06/24 Tester 100/07/24 Recorded 05/06/24 Tester 20/06/24 Tester 100/07/24 Recorded 05/06/24 Tester 100/07/24 Recorde 05/06/24 Recorde 05/06/24 Rec	POTASSIUM CONTENT			<0.005%
Tested         05/06/24           Recorded         05/06/24           MAGONESUM (MG) CONTENT             Sample ID             Tested         05/06/24            Tested         05/06/24            Tested         05/06/24            Tested         05/06/24            Recorded         05/06/24            PERMANGANATE         PASSES TEST         PASSES TEST           Sample ID         Tester         TBUR           Tester         18UR            Recorded         05/06/24            Tester         18UR            Recorded         05/06/24            Tester         18UR            Recorded         05/06/24            Tester         10/31/2024            Sample ID         Tester         10/31/2024           Secorded         05/06/24            Tested         05/06/24            Tester         10/06/24            Recorded         05/06/24            Tester			PPM	
Tester         TBUR Recorded         OS/06/24           Sample ID         PPM         <.0.005%           Sample ID         PPM         <.0.005%           Sample ID         PPM         <.0.005%           Substances ReDUCINE         PASSES TEST         PASSES TEST           Sample ID         PASSES TEST         PASSES TEST           Sample ID         PASSES TEST         PASSES TEST           Sample ID         Tested         05/06/24           Tested         05/06/24         Tested           Tester         TIME         TIME           MANDPACTURE DATE         MM/DD/YY         TIME           MANDPACTURE DATE         TIME         TIME           Tester <th></th> <th></th> <th></th> <th></th>				
Recorded         05/06/24           MAGNESIUM (MG) C/06/24         reside         05/06/24           Tested         05/06/24         reside         05/06/24           Recorded         05/06/24         reside				
MAGNESUM (MG) CONTENT       q/=0.0005%       q.0.0005%         PPM       PPM         Tested       05/06/24         Tested       TBUR         Record       05/06/24         BUBSTANCES REDUTE       PASSES TEST         SUBSTANCES REDUTE       PASSES TEST         PERMAGANATE       PASSES TEST         PERMAGANATE       PASSES TEST         PERMAGANATE       TBUR         Tested       05/06/24         Tested       TBUR         Record       05/06/24         Tested       TBUR         Record       05/06/24         Tested       TBUR         Sample ID       MM/DD/YY         Tested       TBUR         Record       05/06/24         Tested       TBUR         Record       05/0	Tester			
Sample ID       FPM         Sample ID       Fester         Becorde       05/06/24         Tester       78UR         Becorde       05/06/24         SuBSTANCES FEDUCINE       PASSES TEST         PERMANGANATE       PASSES TEST         PERMANGANATE       PASSE         Sample ID       Fester         Recorded       05/06/24         Recorded       05/06/24         Sample ID       MM/DD/YY         Sample ID       MM/DD/YYY         Sample ID       MM/DD/YYY         Sample ID       Tester         Recorded       05/06/24         Sample ID       Time         Sample ID       Time         Sample ID       Time         Sample ID       MM/DD/YY         Recorded       05/06/24         Sample ID       Time         Sample ID       MM/DD/YYY         MANDFACTURE DATE       MM/DD/YYY         MANDFACTURE DA				
Sample ID       Tested       05/06/24         Tested       05/06/24       PASSES TEST       PASSES TEST         SubstancES REDUCIVE       PASSES TEST       PASSES TEST         PERMANGANAT       PASS       PASSES TEST         Sample ID       Fasted       05/06/24         Tested       05/06/24       PASS         Tested       05/06/24       PASS         Fester       TBUR       TOUTONOP         EXPIRATION DATE       MM/DD/YY       10/31/2024         Sample ID       MM/DD/YYYY       MM/DD/YYY         Sample ID       Faster       15/06/24         Tested       05/06/24       SHELF LIFE OF PRODUCI       SHELF LIFE OF PRODUCI         Sample ID       TIME       2 YEARS         Sample ID       TIME       MM/DD/YYYY         MANUDACTURE DATE       MM/DD/YYYY       11/09/2022         Sample ID       MM/DD/YYYY       MM/DD/YYYY         Sample ID       Sample ID       MM/DD/YYYY         Sample ID       MM/DD/YYYY       11/09/2022         Sample ID       MM/DD/YYYY       MM/DD/YYYY         Sample ID       Si/06/24       Si/06/24         Tested       05/06/24       Si/06/24	MAGNESIUM (MG) CON	ITENT		<0.0005%
Tested       05/06/24         Tester       TBUR         Recorded       05/06/24         SUBSTANCES REDUCIVE       PASSES TEST         PERMANGANATE       PASSE         Tested       05/06/24         Tested       05/06/24         Tested       05/06/24         Tested       05/06/24         Tested       05/06/24         Tested       05/06/24         Recorded       05/06/24         Tested       05/06/24         Sample ID       MM/DD/YYYY         Sample ID       MM/DD/YYYY         Sample ID       SHELF LIFE OF PROUCT         Sample ID       SHELF LIFE OF PROUCT         Sample ID       SHELF LIFE OF PROUCT         Sample ID       TIME         Sample ID       MM/DD/YYY         MANUFACTURE DATE       MM/DD/YYY         Sample ID       MM/DD/YYY         Sample ID       MM/DD/YYY         Sample ID       Si/06/24         Tester       05/06/24         Tester       05/06/24         Tester       05/06/24         Tester       05/06/24         Tester       05/06/24         Tester       05/06/24			PPM	
Tester       TBUR Recorde       05/06/24         SUBSTANCES REDUCING       PASSES TEST       PASSES TEST         PERMANGANATE       PASS       PASSES TEST         Sample JD Recorded       05/06/24       PASSES TEST       PASSES TEST         Sample JD Record				
Recorded         05/06/24         PASSES TEST         PASSES           SUBSTANCES REDUE'V         PASSES TEST         PASSES         PASSES           Sample ID         Sample ID <th>Tested</th> <td>05/06/24</td> <td></td> <td></td>	Tested	05/06/24		
SUBSTANCES REDUCINE       PASSES TEST       PASSES TEST         PERMANGANATE       PASS         Sample ID       05/06/24         Recorded       05/06/24         Recorded       05/06/24         Sample ID       MM/DD/YYYY         Sample ID       MM/DD/YYYYY         Sample ID       MM/DD/YYYY         Sample ID       Store         Recorded       05/06/24         Tested       05/06/24         Recorded       05/06/24         Recorded <td< th=""><th>Tester</th><td>TBUR</td><td></td><td></td></td<>	Tester	TBUR		
PERMANGANATE         PASS           Sample ID	Recorded	05/06/24		
Sample ID       10         Tested       05/06/24         Testor       05/06/24         Recorded       05/06/24         Tester       05/06/24         Tester       05/06/24         Tester       05/06/24         Tester       05/06/24         Recorded       05/06/24         Tester       05/06/24         Tester       05/06/24         Tester       05/06/24         Tester       05/06/24         Tester       05/06/24         Tester       05/06/24         Recorded       05/06/24         Tester       05/06/24         Recorded       05/06/24         Recorded       05/06/24         Recorded       05/06/24         Recorded       05/06/24         Tester       BUR         MANUFACTURE DATE       MM/DD/YYY         MANUPO/YYYY       11/09/2022         MANUPO/YYYY       11/09/2022         MANUPO/YYY       11/09/2022         MANUPO/YYY       11/09/2022	SUBSTANCES REDUCIN	NG	PASSES TEST	PASSES TEST
Tested         05/06/24           Tester         TBUR           Recorded         05/06/24           Sample ID         MM/DD/YYY           Tested         05/06/24           Recorded         05/06/24           Sample ID         Starpe 10           Tested         05/06/24           Recorded         05/06/24           Sample ID         SHELF LIFE           Tested         05/06/24           Sample ID         SHELF LIFE           Tested         05/06/24           Recorded         05/06/24           Sample ID         SHELF LIFE           Tested         05/06/24           Sample ID         MM/DD/YY           MANUFACTURE DATE         MM/DD/YY           MM/DD/YYY         11/09/2022           MM/DD/YYY         MM/DD/YY           Sample ID         MM/DD/YYY           Tester         11/09/2022           MM/DD/YYY         MM/DD/YY           Sample ID         Sample ID           Tester         11/09/2022           MM/DD/Y         Y           Tester         11/09/2022           MM/DD/Y         Y           Tester         11/09/2022 <th>PERMANGANATE</th> <th></th> <th>PASS</th> <th></th>	PERMANGANATE		PASS	
Tester         TBUR Recorded         05/06/24           EXPIRATION DATE         MM/DD/YY         10/31/2024           EXPIRATION DATE         MM/DD/YYY         10/31/2024           Sample ID         MM/DD/YYY         MM/DD/YYY           Sample ID         Tested         05/06/24           Tester         TBUR Recorded         05/06/24           SteLF LIFE OF PRODUCT         SHELF LIFE OF RODUCT         YEARS           Sample ID         TitME         2 YEARS           Sample ID         Tester         05/06/24           Tester         TBUR Recorded         05/06/24           Tester         05/06/24         Tester           Tester         05/06/24         Tester           Recorded         05/06/24         Tester           Tester         05/06/24         Tester           Sample ID         MM/DD/YY         11/09/2022           Sample ID         MM/DD/YYYY         11/09/2022           Sample ID         Tester         05/06/24           Tester         05/06/24         Tester           Tester         05/06/24         Tester           Tester         05/06/24         Tester           Recorded         05/06/24         Te	Sample ID			
Recorded       05/06/24         EXPIRATION DATE       MM/DD/YY         Faster       05/06/24         Tester       700/02         Recorded       05/06/24         Tester       700/02         Recorded       05/06/24         Tester       700/02         Recorded       05/06/24         Tester       700/02         StatLF LIFE OF PRODUCT       SHELF LIFE         Tester       05/06/24         Tester       100/02         Recorded       05/06/24         Tester       100/02         Recorded       05/06/24         Tester       05/06/24         Recorded       05/06/24         Tester       05/06/24         MM/DD/YYY       11/09/2022         MM/DD/YYY       11/09/2022         MM/DD/YYY       11/09/2022         MM/DD/YYY       11/09/2022         MM/DD/YYY       11/09/2022         MM/DD/YYY       11/09/2022         MM/DD/YY       11/09/2022         MM/DD/YY       11/09/2022         MM/DD/YY       11/09/2022         MM/DD/YY       11/09/2022         MM/DD/YY       11/09/2022      <	Tested	05/06/24		
EXPIRATION DATE       MM/DD/YY       10/31/2024         MM/DD/YYYY       MM/DD/YYYY       10/31/2024         Sample ID       Tested       05/06/24         Recorded       05/06/24       2         SHELF LIFE OF PRODUCT       SHELF LIFE       2 YEARS         Sample ID       TIME       2 YEARS         Sample ID       TIME       11/09/2022         Sample ID       NM/DD/YY       11/09/2022         Recorded       05/06/24       11/09/2022         MANUFACTURE DATE       MM/DD/YYYY       11/09/2022         Sample ID       Tested       05/06/24         Tested       05/06/24       11/09/2022         Maximum       Tester       11/09/2022         Maximum       Tester       11/09/2022         Tester       105/06/24       11/09/2022         Tester       15/06/24       <	Tester	TBUR		
MM/DD/YYYY Sample ID Tested 05/06/24 Tester TBUR Recorded 05/06/24 SHELF LIFE OF PROU─────SHELF LIFE FUFE OF PROU─────SHELF LIFE TIME Sample ID Tested 05/06/24 MANUFACTURE DATE MM/DD/YY Recorded 05/06/24 MANUFACTURE DATE MM/DD/YYY Sample ID Tested 05/06/24 Tester TBUR Recorded 05/06/24 Tester TBUR Recorde 05/06/24 T	Recorded	05/06/24		
Sample ID Tested 05/06/24 Tester TBUR Recorded 05/06/24 SHELF LIFE OF PRODUC SHELF LIFE OF PRODUC SHELF LIFE OF PRODUC Sample ID Tested 05/06/24 Recorde 05/06/24 MANUFACTURE DATE MM/DD/YYYY Sample ID Tested 05/06/24 Tester TBUR Recorde 05/06/24 Tester TBUR Recorde 05/06/24 Tester TBUR Recorde 05/06/24 Tester TBUR Recorde 05/06/24	EXPIRATION DATE		MM/DD/YY	10/31/2024
Tested       05/06/24         Tester       TBUR         Recorded       05/06/24         SheLF LIFE OF PRODUCT       SHELF LIFE       2 YEARS         Sample ID       TIME         Sample ID       MM/DD/YY       11/09/2022         MANUFACTURE DATE       MM/DD/YY       11/09/2022         Sample ID       MM/DD/YYYY       11/09/2022         Sample ID       MM/DD/YYYY       11/09/2022         Sample ID       MM/DD/YYYY       11/09/2022         Sample ID       MM/DD/YYYY       11/09/2022         Sample ID       MM/DD/YYY       11/09/2022         Sample ID       Tested       05/06/24         Tester       TBUR       TEster       11/09/2022         MAYDD/YYY       11/09/2022       11/09/2022         Sample ID       Tester       11/09/2022         Tester       TBUR       TEster       11/09/2022         Apple Acorded       05/06/24       TEster       11/09/2022         Tester       TBUR       TEster       11/09/2022         Apple Acorded       05/06/24       TEster       11/09/2022         Tester       TBUR       TEster       11/09/2022         Tester       TEs			MM/DD/YYYY	
Tester TBUR Recorded 05/06/24 SHELF LIFE OF PRODUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU	Sample ID			
Recorded 05/06/24 SHELF LIFE OF PROUVE SHELF LIFE 2 YEARS TIME Sample ID Tested 05/06/24 Tester TBUR Recorded 05/06/24 MANUFACTURE DATE MM/DD/YYYY Sample ID Tested 05/06/24 Tester TBUR Recorded 05/06/24 Tester TBUR Recorded 05/06/24 Tester TBUR Recorded 05/06/24 Tester TBUR Recorded 05/06/24	Tested	05/06/24		
SHELF LIFE OF PRODUE TO SHELF LIFE TIME 2 YEARS TIME Sample ID Tested 05/06/24 Tester TBUR Recorded 05/06/24 MM/DD/YYYY MM/DD/YYYY Sample ID Tested 05/06/24 Tester TBUR Recorde 05/06/24 Tester TBUR Recorde 05/06/24 Tester 4123U	Tester	TBUR		
TIME Sample ID Tester N N N N N N N N N N N N N N N N N N N	Recorded	05/06/24		
Sample ID Tested 05/06/24 Tester TBUR Recorded 05/06/24 MM/DD/YY MM/DD/YYYY Sample ID Sample ID Tested 05/06/24 Tester TBUR Recorded 05/06/24 Tester 40.00000000000000000000000000000000000	SHELF LIFE OF PRODU	ЮТ	SHELF LIFE	2 YEARS
Tested       05/06/24         Tester       TBUR         Recorded       05/06/24         MANUFACTURE DATE       MM/DD/YY         Sample ID       11/09/2022         Tested       05/06/24         Tester       TBUR         Tester       05/06/24         Tester       TBUR         Recorded       05/06/24			TIME	
Tested       05/06/24         Tester       TBUR         Recorded       05/06/24         MANUFACTURE DATE       MM/DD/YY         Sample ID       11/09/2022         Tested       05/06/24         Tester       TBUR         Tester       05/06/24         Tester       TBUR         Recorded       05/06/24	Sample ID			
Tester       TBUR         Recorded       05/06/24         MANUFACTURE DATE       MM/DD/YY         MM/DD/YYYY       11/09/2022         Sample ID       MM/DD/YYYY         Tested       05/06/24         Tester       TBUR         Recorded       05/06/24		05/06/24		
Recorded       05/06/24         MANUFACTURE DATE       MM/DD/YY         MM/DD/YYYY       11/09/2022         Sample ID       MM/DD/YYYY         Tested       05/06/24         Tester       TBUR         Recorded       05/06/24	Tester			
MANUFACTURE DATE     MM/DD/YY     11/09/2022       MM/DD/YYYY     MM/DD/YYYY       Sample ID     5/06/24       Tester     05/06/24       Recorded     05/06/24				
Sample ID         Tested       05/06/24         Tester       TBUR         Recorded       05/06/24	MANUFACTURE DATE		MM/DD/YY	11/09/2022
Sample ID         Tested       05/06/24         Tester       TBUR         Recorded       05/06/24			MM/DD/YYYY	
Tested     05/06/24       Tester     TBUR       Recorded     05/06/24	Sample ID			
Tester         TBUR           Recorded         05/06/24           Lot #         412307		05/06/24		
Recorded 05/06/24				
Lot # 412307				
Made 05/02/24				
	Made 05/02	./24		



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

hichard St

**Quality Manager**