



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

| <b>Packaged Product:</b> 9765-4L                    |            |       |          |
|-----------------------------------------------------|------------|-------|----------|
| WATER DEIONIZED REAGENT ACS GRADE/ASTM TYPE II (4L) |            |       |          |
| Test                                                | Target/UOM | Range | Result   |
| <b>PREPARED TO FORMULATION ON FILE</b>              | YES        |       | YES      |
| Sample ID                                           | YES        |       |          |
| Tested 05/10/22                                     |            |       |          |
| Tester TBUR                                         |            |       |          |
| Recorded 05/10/22                                   |            |       |          |
| <b>MEETS ASTM TYPE II SPECIFICATIONS</b>            | YES        |       | YES      |
| Sample ID                                           | PASS       |       |          |
| Tested 05/10/22                                     |            |       |          |
| Tester TBUR                                         |            |       |          |
| Recorded 05/10/22                                   |            |       |          |
| <b>TOC &lt; 50 PPB</b>                              | < 50 PPB   |       | <50 PPB  |
| Sample ID                                           | PPB        |       |          |
| Tested 05/10/22                                     |            |       |          |
| Tester TBUR                                         |            |       |          |
| Recorded 05/10/22                                   |            |       |          |
| <b>SODIUM &lt; 5 PPB</b>                            | < 5 PPB    |       | <5 PPB   |
| Sample ID                                           | PPB        |       |          |
| Tested 05/10/22                                     |            |       |          |
| Tester TBUR                                         |            |       |          |
| Recorded 05/10/22                                   |            |       |          |
| <b>CHLORIDE &lt; 5 PPB</b>                          | < 5 PPB    |       | <5 PPB   |
| Sample ID                                           | PPB        |       |          |
| Tested 05/10/22                                     |            |       |          |
| Tester TBUR                                         |            |       |          |
| Recorded 05/10/22                                   |            |       |          |
| <b>SILICA &lt; 3 PPB</b>                            | < 3 PPB    |       | <3 PPB   |
| Sample ID                                           | PPB        |       |          |
| Tested 05/10/22                                     |            |       |          |
| Tester TBUR                                         |            |       |          |
| Recorded 05/10/22                                   |            |       |          |
| <b>HETEROTROPIC PLATE COUNT ZERO</b>                | ZERO       |       | ZERO     |
| Sample ID                                           | CFU        |       |          |
| Tested 05/10/22                                     |            |       |          |
| Tester TBUR                                         |            |       |          |
| Recorded 05/10/22                                   |            |       |          |
| <b>CONDUCTIVITY</b>                                 | < 1 UMHOS  |       | <1 UMHOS |
| Sample ID                                           | US/CM      |       |          |
| Tested 05/10/22                                     |            |       |          |
| Tester TBUR                                         |            |       |          |
| Recorded 05/10/22                                   |            |       |          |



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|                              |                        |          |
|------------------------------|------------------------|----------|
| <b>HEAVY METALS AS LEAD</b>  | < 10 PPB<br>PPM        | <10 PPB  |
| Sample ID                    |                        |          |
| Tested                       | 05/10/22               |          |
| Tester                       | TBUR                   |          |
| Recorded                     | 05/10/22               |          |
| <b>PPM NO3</b>               | <0.4 PPM<br>PPM        | <0.4 PPM |
| Sample ID                    |                        |          |
| Tested                       | 05/10/22               |          |
| Tester                       | TBUR                   |          |
| Recorded                     | 05/10/22               |          |
| <b>PPM PHOSPHATE (PO4)</b>   | < 1.0 PPM<br>PPM       | <1.0 PPM |
| Sample ID                    |                        |          |
| Tested                       | 05/10/22               |          |
| Tester                       | TBUR                   |          |
| Recorded                     | 05/10/22               |          |
| <b>PPM SULFATE (SO4)</b>     | <1.0 PPM<br>PPM        | <1.0 PPM |
| Sample ID                    |                        |          |
| Tested                       | 05/10/22               |          |
| Tester                       | TBUR                   |          |
| Recorded                     | 05/10/22               |          |
| <b>EXPIRATION DATE</b>       | MM/DD/YY<br>MM/DD/YYYY | 03/30/23 |
| Sample ID                    |                        |          |
| Tested                       | 05/10/22               |          |
| Tester                       | TBUR                   |          |
| Recorded                     | 05/10/22               |          |
| <b>SHELF LIFE OF PRODUCT</b> | 1 YEAR<br>TIME         | 1 YEAR   |
| Sample ID                    |                        |          |
| Tested                       | 05/10/22               |          |
| Tester                       | TBUR                   |          |
| Recorded                     | 05/10/22               |          |
| <b>Lot #</b>                 | 2032800                |          |
| <b>Made</b>                  | 03/29/22               |          |

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.



Aqua Solutions, Inc.  
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Date: 05/10/22 at 10:11 AM

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

**Quality Manager**