



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

| <b>Packaged Product:</b> 9762-4L<br>WATER DEIONIZED MEETS ASTM TYPE I SPECIFICATIONS (4L) |                |       |         |
|---|----------------|-------|---------|
| Test  | Target/UOM     | Range | Result  |
| <b>PREPARED TO FORMULATION ON</b>   | YES            |       | YES     |
| <b>FILE</b>   | YES            |       |         |
| Sample ID   |                |       |         |
| Tested 08/08/23   |                |       |         |
| Tester TBUR   |                |       |         |
| Recorded 08/08/23   |                |       |         |
| <b>MEETS ASTM TYPE I</b>  | YES            |       | YES     |
| <b>SPECIFICATIONS</b>   | PASS           |       |         |
| Sample ID   |                |       |         |
| Tested 08/08/23   |                |       |         |
| Tester TBUR   |                |       |         |
| Recorded 08/08/23   |                |       |         |
| <b>RESISTIVITY 18 MEG-OHM AT TIME</b>   | > 18 MEG       |       | >18 MEG |
| <b>OF PACKAG</b>  | PASS           |       |         |
| Sample ID   |                |       |         |
| Tested 08/08/23   |                |       |         |
| Tester TBUR   |                |       |         |
| Recorded 08/08/23   |                |       |         |
| <b>FILTERED THROUGH A 0.2 UM</b>  | YES            |       | YES     |
| <b>FILTER</b>   | YES            |       |         |
| Sample ID   |                |       |         |
| Tested 08/08/23   |                |       |         |
| Tester TBUR   |                |       |         |
| Recorded 08/08/23   |                |       |         |
| <b>TOC &lt; 50 PPB</b>  | <50 PPB<br>PPB |       | <50 PPB |
| Sample ID   |                |       |         |
| Tested 08/08/23   |                |       |         |
| Tester TBUR   |                |       |         |
| Recorded 08/08/23   |                |       |         |
| <b>SODIUM &lt; 1 PPB</b>  | < 1 PPB<br>PPB |       | <1 PPB  |
| Sample ID   |                |       |         |
| Tested 08/08/23   |                |       |         |
| Tester TBUR   |                |       |         |
| Recorded 08/08/23   |                |       |         |
| <b>CHLORIDE &lt; 1 PPB</b>  | < 1 PPB<br>PPB |       | <1 PPB  |
| Sample ID   |                |       |         |
| Tested 08/08/23   |                |       |         |
| Tester TBUR   |                |       |         |
| Recorded 08/08/23   |                |       |         |
| <b>SILICA &lt; 3 PPB</b>  | < 3 PPB<br>PPB |       | <3 PPB  |
| Sample ID   |                |       |         |
| Tested 08/08/23   |                |       |         |
| Tester TBUR   |                |       |         |
| Recorded 08/08/23   |                |       |         |

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|                             |                   |          |
|-----------------------------|-------------------|----------|
| <b>HEAVY METALS AS LEAD</b> | < 10 PPB<br>PPM   | <10 PPB  |
| Sample ID                   |                   |          |
| Tested 08/08/23             |                   |          |
| Tester TBUR                 |                   |          |
| Recorded 08/08/23           |                   |          |
| <b>PPM NO3</b>              | < 0.4 PPM<br>PPM  | <0.4 PPM |
| Sample ID                   |                   |          |
| Tested 08/08/23             |                   |          |
| Tester TBUR                 |                   |          |
| Recorded 08/08/23           |                   |          |
| <b>PPM PHOSPHATE (PO4)</b>  | < 1.0 PPM<br>PPM  | <1.0 PPM |
| Sample ID                   |                   |          |
| Tested 08/08/23             |                   |          |
| Tester TBUR                 |                   |          |
| Recorded 08/08/23           |                   |          |
| <b>PPM SULFATE (SO4)</b>    | < 1.0 PPM<br>PPM  | <1.0 PPM |
| Sample ID                   |                   |          |
| Tested 08/08/23             |                   |          |
| Tester TBUR                 |                   |          |
| Recorded 08/08/23           |                   |          |
| <b>ARSENIC &lt;1 PPB</b>    | < 1 PPB<br><1 PPB | <1 PPB   |
| Sample ID                   |                   |          |
| Tested 08/08/23             |                   |          |
| Tester TBUR                 |                   |          |
| Recorded 08/08/23           |                   |          |
| <b>CADMIUM &lt; 1 PPB</b>   | < 1 PPB<br>PPB    | <1 PPB   |
| Sample ID                   |                   |          |
| Tested 08/08/23             |                   |          |
| Tester TBUR                 |                   |          |
| Recorded 08/08/23           |                   |          |
| <b>LEAD &lt; 1 PPB</b>      | < 1 PPB<br>PPB    | <1 PPB   |
| Sample ID                   |                   |          |
| Tested 08/08/23             |                   |          |
| Tester TBUR                 |                   |          |
| Recorded 08/08/23           |                   |          |
| <b>NICKEL &lt; 1 PPB</b>    | < 1 PPB<br>PPB    | <1 PPB   |
| Sample ID                   |                   |          |
| Tested 08/08/23             |                   |          |
| Tester TBUR                 |                   |          |
| Recorded 08/08/23           |                   |          |

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**CHROMIUM < 5 PPB**

< 5 PPB  
PPB

<5 PPB

Sample ID  
 Tested 08/08/23  
 Tester TBUR  
 Recorded 08/08/23

**COPPER < 5 PPB**

< 5 PPB  
PPB

<5 PPB

Sample ID  
 Tested 08/08/23  
 Tester TBUR  
 Recorded 08/08/23

**SILVER < 0.2 PPB**

< 0.2 PPB  
PPB

<0.2 PPB

Sample ID  
 Tested 08/08/23  
 Tester TBUR  
 Recorded 08/08/23

**MERCURY < 0.2 PPB**

< 0.2 PPB  
PPB

<0.2 PPB

Sample ID  
 Tested 08/08/23  
 Tester TBUR  
 Recorded 08/08/23

**MEETS ACS SPECIFICATIONS**

YES  
ACS SPECS

YES

Sample ID  
 Tested 08/08/23  
 Tester TBUR  
 Recorded 08/08/23

**EXPIRATION DATE**

MM/DD/YY  
MM/DD/YYYY

07/30/24

Sample ID  
 Tested 08/08/23  
 Tester TBUR  
 Recorded 08/08/23

**SHELF LIFE OF PRODUCT**

SHELF LIFE  
TIME

1 YEAR

Sample ID  
 Tested 08/08/23  
 Tester TBUR  
 Recorded 08/08/23

**Lot #** 3071976

**Made** 07/22/23



Aqua Solutions, Inc.  
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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**