



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

| <b>Packaged Product:</b> S9191-2.5L                      |               |       |            |
|--|---------------|-------|------------|
| SULFURIC ACID (95.0-98.0%) REAGENT ACS (2.5L) (SX1244-5) |               |       |            |
| Test   | Target/UOM    | Range | Result     |
| <b>ASSAY OF MATERIAL</b>                                 | 95.0% - 98.0% |       | 96.40%     |
|  | %             |       |            |
| Sample ID  |               |       |            |
| Tested   | 10/04/23      |       |            |
| Tester   | TBUR          |       |            |
| Recorded   | 10/04/23      |       |            |
| <b>Ammonium (NH4)</b>                                    | MAX 2 PPM     |       | <2 PPM     |
|  | NH4           |       |            |
| Sample ID  |               |       |            |
| Tested   | 10/04/23      |       |            |
| Tester   | TBUR          |       |            |
| Recorded   | 10/04/23      |       |            |
| <b>ARSENIC CONTENT</b>                                   | MAX 0.01 PPM  |       | <0.01 PPM  |
|  | ARSENIC       |       |            |
| Sample ID  |               |       |            |
| Tested   | 10/04/23      |       |            |
| Tester   | TBUR          |       |            |
| Recorded   | 10/04/23      |       |            |
| <b>CHLORIDE CONTENT</b>                                  | MAX 0.2 PPM   |       | <0.2 PPM   |
|  | PPM           |       |            |
| Sample ID  |               |       |            |
| Tested   | 10/04/23      |       |            |
| Tester   | TBUR          |       |            |
| Recorded   | 10/04/23      |       |            |
| <b>COLOR</b>   | MAX 10        |       | <10 APHA   |
|  | PT-CO         |       |            |
| Sample ID  |               |       |            |
| Tested   | 10/04/23      |       |            |
| Tester   | TBUR          |       |            |
| Recorded   | 10/04/23      |       |            |
| <b>HEAVY METAL (AS PB)</b>                               | MAX 1 PPM     |       | <1 PPM     |
|  | PPM           |       |            |
| Sample ID  |               |       |            |
| Tested   | 10/04/23      |       |            |
| Tester   | TBUR          |       |            |
| Recorded   | 10/04/23      |       |            |
| <b>IRON</b>  | MAX 0.2 PPM   |       | <0.001 PPM |
|  | PPM           |       |            |
| Sample ID  |               |       |            |
| Tested   | 10/04/23      |       |            |
| Tester   | TBUR          |       |            |
| Recorded   | 10/04/23      |       |            |
| <b>MERCURY (HG) CONTENT</b>                              | MAX 5 PPB     |       | <5 PPB     |
|  | PPM           |       |            |
| Sample ID  |               |       |            |
| Tested   | 10/04/23      |       |            |
| Tester   | TBUR          |       |            |
| Recorded   | 10/04/23      |       |            |



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**Certificate of Analysis / QC Results**

Customer PO # :

|                                      |                           |             |
|--------------------------------------|---------------------------|-------------|
| <b>NITRATE (NO3) CONTENT</b>         | MAX 0.5 PPM<br>PPM        | <0.5 PPM    |
| Sample ID                            |                           |             |
| Tested                               | 10/04/23                  |             |
| Tester                               | TBUR                      |             |
| Recorded                             | 10/04/23                  |             |
| <b>RESIDUE AFTER IGNITION</b>        | MAX 5 PPM<br>%            | <5 PPM      |
| Sample ID                            |                           |             |
| Tested                               | 10/04/23                  |             |
| Tester                               | TBUR                      |             |
| Recorded                             | 10/04/23                  |             |
| <b>SUBSTANCES REDUCING KMN04</b>     | MAX 2 PPM<br>PASS         | <2 PPM      |
| Sample ID                            |                           |             |
| Tested                               | 10/04/23                  |             |
| Tester                               | TBUR                      |             |
| Recorded                             | 10/04/23                  |             |
| <b>APPEARANCE AND COLOR</b>          | PASSES TEST<br>APPEARANCE | PASSES TEST |
| Sample ID                            |                           |             |
| Tested                               | 10/04/23                  |             |
| Tester                               | TBUR                      |             |
| Recorded                             | 10/04/23                  |             |
| <b>MANUFACTURED DATE OF MATERIAL</b> | MM/DD/YYYY<br>MM/DD/YYYY  | 06/12/2023  |
| Sample ID                            |                           |             |
| Tested                               | 10/04/23                  |             |
| Tester                               | TBUR                      |             |
| Recorded                             | 10/04/23                  |             |
| <b>Lot #</b>                         | 327632                    |             |
| <b>Made</b>                          | 10/03/23                  |             |

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**