



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

| <b>Packaged Product:</b> S2923<br>SODIUM HYDROXIDE 50% W/W SOLUTION (REAGENT GRADE) (700#/drum) |                      |               |          |
|-------------------------------------------------------------------------------------------------|----------------------|---------------|----------|
| Test                                                                                            | Target/UOM           | Range         | Result   |
| <b>WEIGHT PERCENT SODIUM HYDROXIDE</b>                                                          | 51.00<br>W/W%        | 50.00 - 52.00 | 50.00    |
| Sample ID                                                                                       |                      |               |          |
| Tested 03/14/25                                                                                 |                      |               |          |
| Tester TBUR                                                                                     |                      |               |          |
| Recorded 03/14/25                                                                               |                      |               |          |
| <b>AMMONIUM HYDROXIDE PRECIPITATE, WT%</b>                                                      | MAX 0.01%<br>% W/W   |               | <0.01%   |
| Sample ID                                                                                       |                      |               |          |
| Tested 03/14/25                                                                                 |                      |               |          |
| Tester TBUR                                                                                     |                      |               |          |
| Recorded 03/14/25                                                                               |                      |               |          |
| <b>SODIUM CARBONATE</b>                                                                         | 0.25% WT MAX<br>%    |               | <0.1%    |
| Sample ID                                                                                       |                      |               |          |
| Tested 03/14/25                                                                                 |                      |               |          |
| Tester TBUR                                                                                     |                      |               |          |
| Recorded 03/14/25                                                                               |                      |               |          |
| <b>CHLORIDE (CL)% W/W</b>                                                                       | 0.005% MAX<br>% W/W  |               | <0.001%  |
| Sample ID                                                                                       |                      |               |          |
| Tested 03/14/25                                                                                 |                      |               |          |
| Tester TBUR                                                                                     |                      |               |          |
| Recorded 03/14/25                                                                               |                      |               |          |
| <b>COLOR</b>                                                                                    | APHA 20 MAX<br>PT-CO |               | <5 APHA  |
| Sample ID                                                                                       |                      |               |          |
| Tested 03/14/25                                                                                 |                      |               |          |
| Tester TBUR                                                                                     |                      |               |          |
| Recorded 03/14/25                                                                               |                      |               |          |
| <b>HEAVY METALS AS AG WT%</b>                                                                   | 0.001% MAX<br>% W/W  |               | <0.001%  |
| Sample ID                                                                                       |                      |               |          |
| Tested 03/14/25                                                                                 |                      |               |          |
| Tester TBUR                                                                                     |                      |               |          |
| Recorded 03/14/25                                                                               |                      |               |          |
| <b>IRON (FE) WT%</b>                                                                            | 0.0005% MAX<br>% W/W |               | <0.0005% |
| Sample ID                                                                                       |                      |               |          |
| Tested 03/14/25                                                                                 |                      |               |          |
| Tester TBUR                                                                                     |                      |               |          |
| Recorded 03/14/25                                                                               |                      |               |          |
| <b>NICKEL% W/W</b>                                                                              | 0.0005% MAX<br>% W/W |               | <0.0005% |
| Sample ID                                                                                       |                      |               |          |
| Tested 03/14/25                                                                                 |                      |               |          |
| Tester TBUR                                                                                     |                      |               |          |
| Recorded 03/14/25                                                                               |                      |               |          |



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|                                  |             |          |
|----------------------------------|-------------|----------|
| <b>NITROGEN COMPOUNDS AS (N)</b> | 0.0005% MAX | <0.0005% |
| <b>WT%</b>                       | % W/W       |          |
| Sample ID                        |             |          |
| Tested                           | 03/14/25    |          |
| Tester                           | TBUR        |          |
| Recorded                         | 03/14/25    |          |
| <b>PHOSPHATE (PO4) W/W%</b>      | 0.005% MAX  | <0.0005% |
|                                  | % W/W       |          |
| Sample ID                        |             |          |
| Tested                           | 03/14/25    |          |
| Tester                           | TBUR        |          |
| Recorded                         | 03/14/25    |          |
| <b>POTASSIUM (K) WT%</b>         | 0.025% MAX  | <0.002%  |
|                                  | % W/W       |          |
| Sample ID                        |             |          |
| Tested                           | 03/14/25    |          |
| Tester                           | TBUR        |          |
| Recorded                         | 03/14/25    |          |
| <b>SULFATE (SO4) WT%</b>         | 0.003% MAX  | <0.003%  |
|                                  | % W/W       |          |
| Sample ID                        |             |          |
| Tested                           | 03/14/25    |          |
| Tester                           | TBUR        |          |
| Recorded                         | 03/14/25    |          |

**Lot #** 505201  
**Made** 02/21/25

**Quality Manager**