



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

| <b>Packaged Product:</b> H2505<br>HYDROCHLORIC ACID 36.5-38% REAGENT ACS |                                      |             |             |
|--------------------------------------------------------------------------|--------------------------------------|-------------|-------------|
| Test                                                                     | Target/UOM                           | Range       | Result      |
| <b>APPEARANCE AND COLOR</b>                                              | CLEAR COLORLESS LIQUID<br>APPEARANCE |             | PASSES TEST |
| Sample ID                                                                |                                      |             |             |
| Tested                                                                   | 03/11/25                             |             |             |
| Tester                                                                   | TBUR                                 |             |             |
| Recorded                                                                 | 03/11/25                             |             |             |
| <b>ASSAY OF MATERIAL</b>                                                 | 36.5 - 38.0% AS HCL<br>%             |             | 37.4%       |
| Sample ID                                                                |                                      |             |             |
| Tested                                                                   | 03/11/25                             |             |             |
| Tester                                                                   | TBUR                                 |             |             |
| Recorded                                                                 | 03/11/25                             |             |             |
| <b>COLOR</b>                                                             | MAX 10<br>PT-CO                      |             | 0           |
| Sample ID                                                                |                                      |             |             |
| Tested                                                                   | 03/11/25                             |             |             |
| Tester                                                                   | TBUR                                 |             |             |
| Recorded                                                                 | 03/11/25                             |             |             |
| <b>RESIDUE AFTER IGNITION</b>                                            | MAX 5 PPM<br>%                       |             | <5 PPM      |
| Sample ID                                                                |                                      |             |             |
| Tested                                                                   | 03/11/25                             |             |             |
| Tester                                                                   | TBUR                                 |             |             |
| Recorded                                                                 | 03/11/25                             |             |             |
| <b>SULFATE (SO4) CONTENT</b>                                             | MAX 1 PPM<br>MG/KG                   |             | <0.1 PPM    |
| Sample ID                                                                |                                      |             |             |
| Tested                                                                   | 03/11/25                             |             |             |
| Tester                                                                   | TBUR                                 |             |             |
| Recorded                                                                 | 03/11/25                             |             |             |
| <b>Sulfite (SO3)</b>                                                     | 1.00<br>PPM                          | 0.00 - 1.00 | 0.10        |
| Sample ID                                                                |                                      |             |             |
| Tested                                                                   | 03/11/25                             |             |             |
| Tester                                                                   | TBUR                                 |             |             |
| Recorded                                                                 | 03/11/25                             |             |             |
| <b>Ammonium (NH4)</b>                                                    | MAX 3 PPM<br>NH4                     |             | <3 PPM      |
| Sample ID                                                                |                                      |             |             |
| Tested                                                                   | 03/11/25                             |             |             |
| Tester                                                                   | TBUR                                 |             |             |
| Recorded                                                                 | 03/11/25                             |             |             |
| <b>ARSENIC CONTENT</b>                                                   | MAX 0.01 PPM<br>PPM                  |             | <0.01 PPM   |
| Sample ID                                                                |                                      |             |             |
| Tested                                                                   | 03/11/25                             |             |             |
| Tester                                                                   | TBUR                                 |             |             |
| Recorded                                                                 | 03/11/25                             |             |             |



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|                               |                  |           |
|-------------------------------|------------------|-----------|
| <b>HEAVY METALS (AS LEAD)</b> | MAX 1 PPM<br>PPM | <0.01 PPM |
|-------------------------------|------------------|-----------|

Sample ID  
Tested 03/11/25  
Tester TBUR  
Recorded 03/11/25

|             |                    |           |
|-------------|--------------------|-----------|
| <b>IRON</b> | MAX 0.2 PPM<br>PPM | <0.01 PPM |
|-------------|--------------------|-----------|

Sample ID  
Tested 03/11/25  
Tester TBUR  
Recorded 03/11/25

|                     |                        |         |
|---------------------|------------------------|---------|
| <b>BROMIDE IN %</b> | MAX 0.005%<br>%BROMIDE | <0.005% |
|---------------------|------------------------|---------|

Sample ID  
Tested 03/11/25  
Tester TBUR  
Recorded 03/11/25

|                                   |                  |          |
|-----------------------------------|------------------|----------|
| <b>CHLORINE COMPOUNDS (AS CL)</b> | MAX 1 PPM<br>PPM | <0.5 PPM |
|-----------------------------------|------------------|----------|

Sample ID  
Tested 03/11/25  
Tester TBUR  
Recorded 03/11/25

|                         |                        |            |
|-------------------------|------------------------|------------|
| <b>MANUFACTURE DATE</b> | MM/DD/YY<br>MM/DD/YYYY | 01/23/2025 |
|-------------------------|------------------------|------------|

Sample ID  
Tested 03/11/25  
Tester TBUR  
Recorded 03/11/25

|                                |                          |            |
|--------------------------------|--------------------------|------------|
| <b>RECOMMENDED RETEST DATE</b> | MM/DD/YYYY<br>MM/DD/YYYY | 01/23/2027 |
|--------------------------------|--------------------------|------------|

Sample ID  
Tested 03/11/25  
Tester TBUR  
Recorded 03/11/25

|                              |                 |         |
|------------------------------|-----------------|---------|
| <b>SHELF LIFE OF PRODUCT</b> | 2 YEARS<br>TIME | 2 YEARS |
|------------------------------|-----------------|---------|

Sample ID  
Tested 03/11/25  
Tester TBUR  
Recorded 03/11/25

**Lot #** 504107  
**Made** 02/10/25



Aqua Solutions, Inc.  
Ph: 281-479-2569  
Fax: 281-479-2790  
P.O. Box 70  
Deer Park, TX 77536  
Website: [www.aquasolutions.org](http://www.aquasolutions.org)

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Date: 03/11/25 at 1:02 PM

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**Quality Manager**