



**ChemPure\* Brand  
Chemicals**

Product Code: CP-M1495S  
Lot #: 2018092760

## Certificate Of Analysis

...Pure Quality

Chemical Name: **Hydrochloric Acid**  
ACS


Chemical Formula: HCl

F.W.: 36.46  
CAS: 7647-01-0  
Density: 1.1800 kg/L

| Analytical Results               |                         |             |
|----------------------------------|-------------------------|-------------|
| Item                             | Specifications          | Analysis    |
| Color (APHA)                     | 10 max.                 | 0           |
| Free Chlorine (Cl <sub>2</sub> ) | 1 ppm max.              | <0.5 ppm    |
| Heavy Metals                     | 1 ppm max.              | <0.01 ppm   |
| Ammonium (NH <sub>4</sub> )      | 3 ppm max.              | <3 ppm      |
| Iron (Fe)                        | 0.2 ppm max.            | <0.01 ppm   |
| Manufacture Date                 | Record Actual           | 09/21/2018  |
| Appearance                       | Clear, colorless liquid | Passes Test |
| Arsenic (As)                     | 0.01 ppm max.           | <0.01 ppm   |
| Recommended Retest Date          | Report Actual           | 09/20/2020  |
| Residue After Ignition           | 5 ppm max.              | <5 ppm      |
| Sulfate (SO <sub>4</sub> )       | 1 ppm max.              | <0.1 ppm    |
| Sulfite (SO <sub>3</sub> )       | 1 ppm max.              | <0.1 ppm    |
| Assay (HCl)                      | 36.5 - 38.0%            | 37.5%       |
| Bromide (Br)                     | 0.005% max.             | <0.005%     |

Remarks:

It is certified that the above copy is a true copy of the actual lot analysis.

  
Eddy Santiago  
Quality Assurance Manager

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