



**ChemPure* Brand
Chemicals**

Product Code: **257500/CP-M1495S**

Lot #: **2014050147**

Certificate Of Analysis

Chemical Name: **Hydrochloric Acid**

ACS

Chemical Formula: HCl

...Pure Quality

F.W.: **36.4600**

CAS: **7647-01-0**

Density: **1.1800 kg/L**

| Analytical Results | | |
|----------------------------------|-------------------------|-------------|
| Item | Specifications | Analysis |
| Color (APHA) | 10 max. | 2 |
| Extractable organic substances | 5 ppm max. | <5 ppm |
| Free Chlorine (Cl ₂) | 1 ppm max. | <1 ppm |
| Heavy Metals (as Pb) | 1 ppm max. | <1 ppm |
| Ammonium (NH ₄) | 3 ppm max. | <0.5 ppm |
| Iron (Fe) | 0.2 ppm max. | <0.1 ppm |
| Manufacture Date | Record Actual | 04/29/2014 |
| Appearance | Clear, colorless liquid | Passes Test |
| Arsenic (As) | 0.01 ppm max. | <0.004 ppm |
| Recommended Retest Date | 3 years XX/XX/XXXX | 04/29/2017 |
| Residue After Ignition | 5 ppm max. | <3 ppm |
| Sulfate (SO ₄) | 1 ppm max. | <0.5 ppm |
| Sulfite (SO ₃) | 1 ppm max. | <0.8 ppm |
| Assay (HCl) | 36.5 - 38.0% | 36.9% |
| Bromide (Br) | 0.005% max. | <0.005% |

Remarks:

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


Matthew Taylor
Laboratory Manager

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