



**ChemPure* Brand
Chemicals**

Product Code: **257500/CP-M1495**

Lot #: **2013121999**

Certificate Of Analysis

...Pure Quality

Chemical Name: **Hydrochloric Acid**
ACS

Chemical Formula: HCl

F.W.: **36.4600**

CAS: **7647-01-0**

Density: **1.1800 kg/L**

Analytical Results		
Item	Specifications	Analysis
Color (APHA)	10 max.	4
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	12/17/2013
Appearance	Clear, colorless liquid	Passes Test
Arsenic (As)	0.01 ppm max.	<0.004 ppm
Recommended Retest Date	3 years XX/XX/XXXX	12/17/2016
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%	37.2%
Bromide (Br)	0.005% max.	<0.005%

Remarks:

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

Daryn Browning
Technical Director