



**ChemPure* Brand
Chemicals**

Certificate Of Analysis

Chemical Name: **Hydrochloric Acid**

ACS

Chemical Formula: HCl

Product Code: 257500/CP-M1495S

Lot #: 2013091255

...Pure Quality

F.W.: 36.4600

CAS: 7647-01-0

Density: 1.1800 kg/L

Analytical Results		
Item	Specifications	Analysis
Color (APHA)	10 max.	0
Extractable organic substances	5 ppm max.	<5ppm
Free Chlorine (Cl ₂)	1 ppm max.	<1.0ppm
Heavy Metals (as Pb)	1 ppm max.	<1ppm
Ammonium (NH ₄)	3 ppm max.	<0.5ppm
Iron (Fe)	0.2 ppm max.	<0.1ppm
Manufacture Date	Record Actual	09/12/2013
Appearance	Clear, colorless liquid	Passes Test
Arsenic (As)	0.01 ppm max.	<0.004ppm
Recommended Retest Date	3 years XX/XX/XXXX	09/12/2016
Residue After Ignition	5 ppm max.	<3ppm
Sulfate (SO ₄)	1 ppm max.	<0.5ppm
Sulfite (SO ₃)	1 ppm max.	<0.8ppm
Assay (HCl)	36.5 - 38.0%	37.4%
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