



**ChemPure* Brand
Chemicals**

Certificate Of Analysis

Chemical Name: **Hydrochloric Acid**

ACS

Chemical Formula: HCl

Product Code: 257500-90000

Lot #: 2012071936

F.W.: 36.4600

CAS: 7647-01-0

Density: 1.1800 kg/L

Analytical Results		
Item	Specifications	Analysis
Color (APHA)	10 max.	8
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
Appearance	Clear, colorless liquid	Passes Test
Arsenic (As)	0.01 ppm max.	<0.004 ppm
Recommended Retest Date	3 years XX/XX/XXXX	07/19/2015
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%	37.4%
Bromide (Br)	0.005% max.	<0.005%

Remarks:

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

Shawn Chadwick
Technical Director