



**ChemPure\* Brand  
Chemicals**

...Pure Quality

## Certificate Of Analysis

Product Code: CP-D1495P  
Lot #: 2080425

Chemical Name: **Hydrochloric Acid, ACS**

Chemical Formula: **HCl**

CAS: 7647-01-0

Density: 1.1800 kg/L(20°C)

MW: 36.46 g/mol

Boiling Pt: 110 °C (1013 hPa)

Melting Pt: -30 °C

Storage Temperature: Ambient

MDL Number: MFCD00011324

EINECS: 231-595-7

UN: 1789, ADR: 8,II

Analytical Results		
Item	Specifications	Analysis
Color (APHA)	10 max.	5
Extractable organic substances	5 ppm max.	<5 ppm
Free Chlorine (Cl <sub>2</sub> )	1 ppm max.	<1 ppm
Heavy Metals (as Pb)	1 ppm max.	0.2 ppm
Ammonium (NH <sub>4</sub> )	3 ppm max.	1 ppm
Iron (Fe)	0.2 ppm max.	0.05 ppm
Manufacture Date	Record Actual	04/2018
Appearance	Clear, colorless liquid	Passes Test
Arsenic (As)	0.01 ppm max.	0.0001 ppm
Recommended Retest Date	Report Actual	04/2020
Residue After Ignition	5 ppm max.	1 ppm
Sulfate (SO <sub>4</sub> )	1 ppm max.	0.2 ppm
Sulfite (SO <sub>3</sub> )	1 ppm max.	0.2 ppm
Assay (HCl)	36.5 - 38.0%	37.1%
Bromide (Br)	0.005% max.	<0.005%

Remarks:

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

Kevin Hansen  
Quality Assurance Manager

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