



**ChemPure\* Brand  
Chemicals**

Product Code: CP-M1495S  
Lot #: 2019040433

# Certificate Of Analysis

...Pure Quality

Chemical Name: **Hydrochloric Acid**  
ACS

Chemical Formula: HCl

F.W.: 36.46  
CAS: 7647-01-0  
Density: 1.1800 kg/L

Analytical Results		
Item	Specifications	Analysis
Color (APHA)	10 max.	2
Free Chlorine (Cl <sub>2</sub> )	1 ppm max.	<0.5 ppm
Heavy Metals	1 ppm max.	<0.01 ppm
Ammonium (NH <sub>4</sub> )	3 ppm max.	<3 ppm
Iron (Fe)	0.2 ppm max.	<0.01 ppm
Manufacture Date	Record Actual	03/29/2019
Appearance	Clear, colorless liquid	Passes Test
Arsenic (As)	0.01 ppm max.	<0.01 ppm
Recommended Retest Date	Report Actual	03/28/2021
Residue After Ignition	5 ppm max.	<5 ppm
Sulfate (SO <sub>4</sub> )	1 ppm max.	<0.1 ppm
Sulfite (SO <sub>3</sub> )	1 ppm max.	<0.1 ppm
Assay (HCl)	36.5 - 38.0%	37.5%
Bromide (Br)	0.005% max.	<0.005%

Remarks:

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

  
Eddy Santiago  
Quality Assurance Manager

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