



**ChemPure* Brand
Chemicals**

Product Code: CP-M1495S
Lot #: 2016051253

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.	0
Extractable organic substances	5 ppm max.	<5 ppm
Free Chlorine (Cl ₂)	1 ppm max.	<0.5 ppm
Heavy Metals (as Pb)	1 ppm max.	<0.01 ppm
Ammonium (NH ₄)	3 ppm max.	<3 ppm
Iron (Fe)	0.2 ppm max.	<0.01 ppm
Manufacture Date	Record Actual	05/05/2016
Appearance	Clear, colorless liquid	Passes Test
Arsenic (As)	0.01 ppm max.	<0.01 ppm
Recommended Retest Date	Report Actual	05/05/2018
Residue After Ignition	5 ppm max.	<5 ppm
Sulfate (SO ₄)	1 ppm max.	<0.1 ppm
Sulfite (SO ₃)	1 ppm max.	<0.1 ppm
Assay (HCl)	36.5 - 38.0%	37.3%
Bromide (Br)	0.005% max.	<0.005%

Recommended Retest Date: May 4, 2021

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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