



**ChemPure\* Brand  
Chemicals**

Product Code: CP-M1497P  
Lot #: 2017101249

# Certificate Of Analysis

...Pure Quality

Chemical Name: **Hydrochloric Acid 37%**  
FCC

F.W.: **36.4600**  
CAS: **7647-01-0**  
Density: **1.1800 kg/L**

Chemical Formula: HCl

Analytical Results		
Item	Specifications	Analysis
Color	To pass test	Passes Test
Identification: FCC	To pass test	Passes Test
Iron (Fe)	5 mg/kg max.	<0.01 mg/kg
Lead (Pb)	1 mg/kg max.	<0.01 mg/kg
Mercury (Hg)	0.10 mg/kg max.	<0.001 mg/kg
Nonvolatile residue	0.5% max.	<0.5%
Oxidizing substances (as Cl <sub>2</sub> )	0.003% max.	<0.0001%
Reducing substances (as SO <sub>3</sub> )	0.007% max.	<0.0005%
Specific Gravity at 60°F	1.164 - 1.211	1.187
Sulfate (SO <sub>4</sub> )	0.5% max.	<0.001%
Organic Compounds - Total non-fluorine containing organic compounds	5 mg/kg max.	<0.0000001%
Organic Compounds - Benzene	0.05 mg/kg max.	<0.001 mg/kg
Organic Compounds - Total fluorinated organic compounds	0.0025% max.	<0.001 mg/kg
Assay (HCl)	36.5 - 38.1%	37.2%
Assay (HCl) Be'	22.7Be' min.	>22.7° Be'

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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