



**ChemPure* Brand
Chemicals**

Product Code: CP-M1497P
Lot #: 2017011967

Certificate Of Analysis

...Pure Quality

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

Chemical Formula: HCl

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

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 ₂)	0.003% max.	<0.0001%
Reducing substances (as SO ₃)	0.007% max.	<0.0005%
Specific Gravity at 60°F	1.164 - 1.211	1.188
Sulfate (SO ₄)	0.5% max.	<0.001%
Organic Compounds - Total non-fluorine containing organic compounds	5 mg/kg max.	<0.001 mg/kg
Organic Compounds - Benzene	0.05 mg/kg max.	<0.001 mg/kg
Organic Compounds - Total fluorinated organic compounds	0.0025% max.	<0.0000001%
Assay (HCl)	36.5 - 38.1%	37.7%
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.

Kevin Hansen
Quality Assurance Manager

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