



**ChemPure* Brand
Chemicals**

Product Code: CP-X1495
Lot #: H6100-J2116

Certificate of Analysis

...Pure Quality

Chemical Name: Hydrochloric Acid ACS Certified

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

Chemical Formula: HCl

Specification	Maximum Limits	Results
Assay (HCL)	36.5-38%	37.1%
Color (APHA)	≤ 10	<10
Extractable Organic Substances	≤5.0 ppm	<5.0 ppm
Free Chlorine(as Cl)	≤1.0 ppm	<1.0 ppm
Residue after Ignition	≤5.0 ppm	<2.0 ppm
Sulfate (SO ₄)	≤1.0 ppm	<1.0 ppm
Sulfite (SO ₃)	≤1.0 ppm	<1.0 ppm
Heavy Metals (as Pb)	≤1.0 ppm	<1.0 ppm
Arsenic (as As)	≤0.01 ppm	<0.01 ppm
Ammonium (NH ₄)	≤ 3.0 ppm	<3.0 ppm
Iron (Fe)	≤ 0.2 ppm	<0.2 ppm
Bromide (Br)	≤ 0.005%	<0.005%

Date of MFG: 10/2016
Retest Date: 10/2019

Vyto Mekesa
Quality Assurance Manager

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