

**Product Name:** Hydrogen chloride, 4M in 1,4-dioxane, 99%  
**Catalog Number:** A16935.JT

**CAS Number:** 7647-01-0  
**IUPAC Name:** hydrogen chloride  
**Molecular Formula:** ClH  
**Molecular Weight:** 36.46  
**MDL Number:** MFCD00011324 MFCD00792839  
**InChI Key:** VEXZGXHMUGYJMC-UHFFFAOYSA-N  
**SMILES:** Cl  
**Synonym:** hydrogen chloridelhydrochloric acidlbowl cleanerlmuriatic acidlHClIHCLJlacid, hydrochloriclacid, muriaticlacide chlorhydriquehydrochloric acid gas

## Product Specification

**Appearance (Color):** Clear, colorless to very pale yellow  
**Form:** Liquid  
**Assay (Aqueous acid-base Titration):** 3.6-4.4 mol/L HCl  
**Water Content (Karl Fischer Titration):** ≤0.3%

**Date Of Print:** 07/15/2025

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*