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## Product Specification

Product Name:  
Hydroxylamine hydrochloride - ReagentPlus®, 99%

**Product Number:** 159417  
**CAS Number:** 5470-11-1  
**MDL:** MFCD00051089  
**Formula:** H3NO · HCl  
**Formula Weight:** 69.49 g/mol

NH<sub>2</sub>OH · HCl

TEST	Specification
Appearance (Color)	White
Appearance (Form) Crystalline Powder or Crystals	Conforms to Requirements
Infrared spectrum	Conforms to Structure
Titration by KMNO <sub>4</sub>	98.5 - 101.5 %
Solubility (Turbidity) Solubility Concentration: 100 mg/mL in Water	Clear
Solubility (Color)  Solubility Concentration: 100 mg/mL in Water	Colorless
Recommended Retest Period 3 Years	-----

Specification: PRD.0.ZQ5.10000046116

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.