

Product Name: Hydroxylamine hydrochloride, ACS, 96+%
Catalog Number: 036416.36

CAS Number: 5470-11-1
IUPAC Name: hydroxylamine hydrochloride
Molecular Formula: ClH₄NO
Molecular Weight: 69.49
MDL Number: MFCD00051089
InChI Key: WTDHULULXKL SOZ-UHFFFAOYSA-N
SMILES: Cl.NO
Synonym: hydroxylamine hydrochloride

Product Specification

Appearance (Color): White
Form: Crystals
Assay from Supplier's CofA: ≥96.0% H₃NO.HCl (Titration of the reductive capacity)
Clarity: Alcohol solution: Passes test
Free acid (titration): 0.25 meq/g
Heavy Metals: (as Pb) 5 ppm
Residue on ignition: 0.05%
Impurity content: Fe 5 ppm
Impurity content: NH₄ Passes test
Impurity content: Sulfur compounds (as SO₄) 0.005%

Date Of Print: 06/15/2025

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