

Certificate of Analysis

Product : Hydroxylamine Hydrochloride

Product Code : CP-A1551D

CAS # 5470-11-1

Lot: 37030714076

CHEMICAL FORMULA : $\text{NH}_2\text{OH}\cdot\text{HCl}$

Density: 1.67 g/mL

F.W. 69.49

Characteristic	Requirement		Results	Units
Appearance	White crystal, powder or chunks		Pass	
Clarity and Color	Alcohol solution		Pass	
Solubility	85g in 100mL at 20C		Pass	
Melting point	151 C - decomposition		Pass	
Heavy Metals (as Pb)		max. 3 ppm	Pass	ppm
Sulfur Compounds (SO_4^{-2})		max. 0.004%	Pass	%
	min	max		
Cation Analysis				
	Ammonium (NH_4^+)	0.092%	Pass	%
	Iron (Fe)	3 ppm	Pass	ppm
Water content (Karl Fisher)		0.18%	Pass	
Residue on Ignition		0.013%	Pass	
Titrateable Acid		0.092 meq/g	Pass	meq/g
Assay by titration	99%		99.14	%
Storage	store at RT			
Retest Date	July - 2028			

This is to certify that samples of the lot number above were tested and found to comply with the stated specifications. Some or all data have been provided by vendors/third parties. ChemPure Brand Chemicals expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular use or purpose. Persons using this information should make their own determination regarding its suitability for their particular use.

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