



**ChemPure* Brand
Chemicals**

...Pure Quality

Certificate of Analysis

Cust-Product Code: CP-A1551D

Lot #: 2019031846

F.W.: 69.4900

CAS No: 5470-11-1

Density: 1.0000

PRODUCT NAME: Hydroxylamine Hydrochloride, Crystal, ACS

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

ANALYTICAL RESULTS

ITEM	SPECIFICATIONS	ANALYSIS
Free from visible impurities/insolubles	To pass test	Passes Test
Assay ($\text{NH}_2\text{OH} \cdot \text{HCl}$)	96.0% min.	99.1%
Clarity of Solution	To pass test	Passes Test
Residue After Ignition	0.05% max.	0.02%
Titration free acid	0.25 meq/g max.	0.20 meq/g
Ammonium (NH_4)	To pass test	Passes Test
Sulfur compounds (as SO_4)	0.005% max.	0.003%
Heavy Metals (as Pb)	5 ppm max.	4 ppm
Iron (Fe)	5 ppm max.	3 ppm
Date of Manufacture	Record Actual	01/24/2019
Retest Date:	Five years from manufactured date	

REMARKS

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