



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-211616  
Lot Number: SAMPLE  
Product Name: Hydroxylamine hydrochloride  
CAS Number: 5470-11-1  
Molecular Formula:  $\text{NH}_2\text{OH}\cdot\text{HCl}$   
Molecular Weight: 69.49

Test	Specification	Result
Appearance	White Powder or crystal or chunks	White crystal
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (Titration)	97.5% - 102.5% by $\text{KMnO}_4$	100.2%
Residue on Ignition (ash)	$\leq 0.05\%$	0.02%
Solution (Clarity)	Pass (1 g in 25 ml Ethanol)	Complies
Heavy Metals (Pb)	$\leq 5$ ppm	$< 5$ ppm
Titrateable Acid	$\leq 0.25$ meq/g	0.05 meq/g
Ammonium	Pass	Complies
Iron	$\leq 5$ ppm	3 ppm
Sulfur Compounds	$\leq 0.005\%$	$< 0.005\%$

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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