

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Hydroxylamine Hydrochloride 99 % AR

Catalog Number : O-5100

Batch Number : 5100-01250305

CAS Number : 5470-11-1

Molecular Weight : 69.64 g/mol

Mol. Formula : $\text{NH}_2\text{OH} \cdot \text{HCl}$

Expire Date : Feb, 2030

No	Test	Specifications	Results
1	Appearance	Colorless hygroscopic solids or white crystalline powder	white crystalline powder
2	Assay (manganometric)	min 99.0 %	99.31%
3	Clarity of solution (1 g in 25 ml ethanol)	passes test	passes test
4	pH (5%, Solution in water)	2.5 - 3.5	2.98
5	Sulphur compounds (as SO_4)	max 0.005 %	0.0017%
6	Heavy metals (as Pb)	max 0.0005 %	0.000078%
7	Iron (Fe)	max 0.0005 %	0.00021%
8	Ammonium (NH_4)	passes test	passes test
9	Copper (Cu)	max 0.001 %	0.00053%
10	Residu on ignition (as SO_4)	max 0.05%	0.03%
11	Titrate free acid	max 0.25 meq/g	0.13 meq/g

Corresponds to AR/ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC