

PT. SMART LAB INDONESIA

MANUFACTURER OF ANALYTICAL REAGENTS

F/QCL/009 Rev.02

CERTIFICATE OF ANALYSIS

Product Name : Hydroxylamine Hydrochloride AR

Mol. Formula : H_4ClNO

Mol. Weight : 69.49 g/mol

Catalog No. : A-2776

Cas No : 5470-11-1

Batch No. : Sample COA

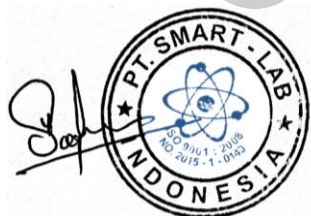
Shelf Life : 60 Months



NO.	TESTS	UNITS	SPECIFICATIONS	RESULTS
1.	Appearance	—	Colorless hygroscopic solids or white crystalline powder	White hygroscopic crystalline powder
2.	Assay (manganometric)	wt %	min 99.0	100.139
3.	Clarity of solution (1 g in 25 ml ethanol)	—	passes test	Passes test
4.	pH (5%, Solution in water)	—	2.5 – 3.5	3.128
5.	Ammonium (NH_4)	—	Passes test	Passes test
6.	Total sulphur (as SO_4)	wt %	max 0.005	0.0018
7.	Heavy metals (as Pb)	wt %	max 0.0005	0.000004
8.	Iron (Fe)	wt %	max 0.0005	0.0000012
9.	Sulphate (SO_4)	wt %	max 0.002	0.00092
10.	Copper (Cu)	wt %	max 0.001	0.000014
11.	Titration free acid	meq/g	max 0.25	0.143
12.	Residu on ignition (as SO_4)	wt %	max 0.01	0.0070

Result: The above product corresponds to ACS Grade

Reference or standard of product specification to Analar standard and ACS specification



Yuvraj Sagvekar
Manager QC