

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : HYDROXYLAMINE HYDROCHLORIDE AR**

CAS No	: 5470-11-1	Product code	: 23600
Mol. Formula	: H <sub>4</sub> CINO	Batch No	: MCAR-00633
Mol. WT	: 69.49	Mfd.	: Sept. 2024
Date of Analysis	: 25/09/24	Exp.	: Aug. 2029

S.R	Test	Specification	Observation
1	<b>Description</b>	Colourless crystals or white crystalline powder.	White crystalline powder.
2	<b>Assay</b>	99 % min	99.11%
3	<b>pH (5% water)</b>	2.5 – 3.5	2.74
4	<b>Water insoluble matter</b>	0.005 % max	0.003%
5	<b>Alcohol insoluble matter</b>	0.005 % max	0.004%
6	<b>Sulphate (SO<sub>4</sub>)</b>	0.002% max	< 0.002%
7	<b>Heavy metals (as Pb)</b>	0.0005% max	< 0.0005%
8	<b>Copper (Cu)</b>	0.001% max	< 0.001%
9	<b>Iron (Fe)</b>	0.0005% max	< 0.0005%
10	<b>Ammonium (NH<sub>4</sub>)</b>	0.05% max	< 0.05%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**



**CHEMIST  
(Shruti)**

**[QC Incharge]**



**HEAD-QUALITY ASSURANCE  
(G.G.Salian)**

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