

## 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-00749
Mol. WT	: 69.49	Mfd.	: Oct. 2024
Date of Analysis	: 22/10/24	Exp.	: Sept. 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	99.07%
3	<b>pH (5% water)</b>	2.5 – 3.5	2.65
4	<b>Water insoluble matter</b>	0.005 % max	0.003%
5	<b>Alcohol insoluble matter</b>	0.005 % max	0.002%
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)**

MOLYCHEM H.Q.: Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: [info@molychem.net](mailto:info@molychem.net) • Web: [www.molychem.net](http://www.molychem.net)

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.