

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : SEMICARBAZIDE HYDROCHLORIDE AR**

CAS No	: 563-41-7	Product code	: 25315
Mol. Formula	: CH <sub>5</sub> N <sub>3</sub> O.HCl	Batch No	: MCAR-01353
Mol. WT	: 111.53	Mfd.	: March 2025
Date of analysis	: 13/03/25	Exp.	: Feb. 2030

S.R	Test	Specification	Observation
1	<b>Description</b>	White to off white powder or crystalline powder .	White crystalline powder.
2	<b>Assay</b>	99.5 % min	99.65%
3	<b>Melting point</b>	174 - 178 <sup>0</sup> c(dec)	175.9 <sup>0</sup> c(dec)
4	<b>Substances insoluble in water</b>	0.02% max.	0.015%
5	<b>Hydrazine(N<sub>2</sub>H<sub>4</sub>)</b>	0.01% max.	<0.01%
6	<b>Alcohol (GC)</b>	0.01% max.	<0.01%
7	<b>Sulphated ash</b>	0.02% max.	0.01%

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

**[Tested By]**



**CHEMIST  
(Sayli)**



**[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.