

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : SEMICARBAZIDE HYDROCHLORIDE**

**CAS No : 563-41-7**

**Mol. Formula : CH<sub>5</sub>N<sub>3</sub>O.HCl**

**AT. WT. : 111.53**

**Date of analysis : 26/10/23**

**Product code : 17810**

**Batch No. : MCR-23332-002**

**Mfd. : Oct. 2023**

**Exp. : Sept. 2028**

| S.R | Test                                 | Specification                                     | Observation               |
|-----|--------------------------------------|---|---------------------------|
| 1   | <b>Description</b>                   | White to off white powder or crystalline powder . | White crystalline powder. |
| 2   | <b>Assay</b>                         | 98 % min  | 98.80 %                   |
| 3   | <b>Melting range (decomposition)</b> | 173-178 <sup>0</sup> C                            | 177.3 <sup>0</sup> C      |
| 4   | <b>Sulphated ash</b>                 | 0.1 % max   | 0.007%                    |
| 5   | <b>Hydrazine</b>                     | 0.5 % max   | <0.5 %                    |

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Ruchi)**

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

**Note:** Computer generated image requires no sign.

**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.**