



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : PIPERAZINE (ANHYDROUS) 98%**

**CAS No : 110-85-0**

**Mol. Formula : C<sub>4</sub>H<sub>10</sub>N<sub>2</sub>**

**Mol. WT : 86.14**

**Date of analysis : 22/01/23**

**Product code : 16912**

**Batch No. : MCR-17389-04**

**Mfd. : Jan. 2023**

**Exp. : Dec. 2027**

| S. R | Test          | Specification                             | Observation          |
|------|---------------|-------------------------------------------|----------------------|
| 1    | Description   | White to off white or light yellow flakes | White flakes         |
| 2    | Assay (By GC) | 98 % min                                  | 100 %                |
| 3    | Melting point | 108 - 111 <sup>0</sup> C                  | 110.3 <sup>0</sup> C |
| 4    | Water         | 1.0 % max                                 | 0.2%                 |

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

**[Tested By]**

**CHEMIST  
(Asmita)**

**[QC Incharge]**

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

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

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)  
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)  
Works: Plot No. B/9, Badlapur M.I.D.C., OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503**