

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : CUPRIC OXIDE POWDER AR**

**CAS No : 1317-38-0**  
**Mol. Formula : CuO**  
**Mol. WT : 79.55**  
**Date of analysis : 30/12/24**

**Product code : 22780**  
**Batch No. : MCAR-01033**  
**Mfd. : Dec. 2024**  
**Exp. : Nov. 2029**

| S.R | Test                                                          | Specification         | Observation           |
|-----|---------------------------------------------------------------|-----------------------|-----------------------|
| 1   | Description                                                   | Black coloured powder | Black coloured powder |
| 2   | Assay (by iodometry)                                          | 98.0% min             | 98.25 %               |
| 3   | Substances insoluble in nitric acid                           | 0.02% max             | 0.01%                 |
| 4   | Chloride (Cl)                                                 | 0.005% max            | < 0.005%              |
| 5   | Total sulphur (as SO <sub>4</sub> )                           | 0.02% max             | < 0.02%               |
| 6   | Total nitrogen (N)                                            | 0.005% max            | < 0.005%              |
| 7   | Lead (Pb)                                                     | 0.02% max             | < 0.02%               |
| 8   | Iron (Fe)                                                     | 0.05% max             | < 0.05%               |
| 9   | Substances not precipitated by H <sub>2</sub> S (as sulphate) | 0.2% max              | < 0.2%                |
| 10  | Cuprous oxide (Cu <sub>2</sub> O)                             | 0.05% max             | < 0.05%               |

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

**[Tested By]**



**CHEMIST  
(Durvas)**

**[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.**