

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : SELENIUM POWDER BLACK AR**

**CAS No : 7782- 49- 2**

**Mol. Formula : Se**

**A. WT : 78.96**

**Date of analysis : 31/07/23**

**Product code : 25310**

**Batch No. : MCRT-25487-02**

**Mfd. : July 2023**

**Exp. : June 2028**

| S. R | Test                         | Specification         | Observation        |
|------|------------------------------|-----------------------|--------------------|
| 1    | Description                  | Gray to black powder. | Grey black powder. |
| 2    | Assay                        | 99.5%min              | 99.88%             |
| 3    | Melting point                | 220-222°C             | 221°C              |
| 4    | Nitric acid insoluble matter | 0.01% max             | 0.008%             |
| 5    | Loss on drying               | 0.05% max             | 0.038%             |
| 6    | Non-volatile matter          | 0.05% max             | 0.02%              |
| 7    | Nitrogen compounds (N)       | 0.02% max             | <0.02%             |
| 8    | Copper (Cu)                  | 0.01% max             | <0.01%             |
| 9    | Iron (Fe)                    | 0.006% max            | <0.006%            |
| 10   | Sulphur (S)                  | 0.0015% max           | <0.0015%           |
| 11   | Tellurium (Te)               | 0.005% max            | <0.005%            |

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Nikita)**

**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.**