

CERTIFICATE OF ANALYSIS

PRODUCT NAME : AMMONIUM PURPURATE AR
(Murexide)

| | | | |
|------------------|---|--------------|--------------|
| CAS No | : 3051-09-0 | Product code | : 21750 |
| Mol. Formula | : C ₈ H ₈ N ₆ O ₆ | Batch No. | : MCAR-01784 |
| Mol. WT | : 284.19 | Mfd. | : June 2025 |
| Date of analysis | : 30/06/25 | Exp. | : May 2030 |

| S.R | Test | Specification | Observation |
|-----|--|---------------------------------|-----------------------|
| 1 | Description | Maroon or Reddish brown powder. | Reddish brown powder. |
| 2 | Absorption maxima (water) | 520 – 524 nm | 522.0 nm |
| 3 | Specific absorptivity A1%/1 cm λ max at 521 nm in distilled water | 300 min. | 382.07 |
| 4 | Sensitivity for indicator | Passes test | Passes test |
| 5 | Ash | 0.1% max | 0.07% |

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Deepa)**



[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 • Web: 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.