



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : AMMONIUM PURPURATE LR**  
(Murexide)

**CAS No** : 3051-09-0  
**Mol. Formula** :  $C_8H_8N_6O_6$   
**Mol. WT** : 284.19  
**Date of analysis** : 30/04/19

**Product code** : 12230  
**Batch No** : MCR-18603  
**Mfd.** : April 2019  
**Exp.** : March 2024

| S. R | Test                                                                    | Specification                   | Observation    |
|------|-------------------------------------------------------------------------|---------------------------------|----------------|
| 1    | Description                                                             | Maroon or Reddish brown powder. | Maroon powder. |
| 2    | Absorption maxima (water)                                               | 520 – 524 nm                    | 523 nm         |
| 3    | Specific absorptivity<br>A1%/ 1cm ( $\lambda$ max ;<br>0.01g/L; water ) | 300 min.                        | 318            |
| 4    | Sensitivity                                                             | Passes test                     | Passes test    |
| 5    | Ash                                                                     | 1% max                          | 0.6%           |

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

**[Tested By]**

**[QC Incharge]**

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

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

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